3 GW 2 Revised 1969

OCT 1 9 1972.

DRILLER'S LOG

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER COLEMONTANA DEPARTMENT OF MINISTRATOR OF GROUNDWATER COLEMONTANA WATER RESOURCES BOARD RESOURCES AND CONCERNATION OF GROUNDWATER GROUNDWATER Gravel, shale, sandstone, etc. Show

NOTICE OF COMPLETION OF GROUNDWATER

depth at which water is found and APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962 height to which water rises in well.

| (Under Chapter 237 Montana Session Laws, 1961, as amended) | Top of Ground (Elev. above sea level) |
|--|---------------------------------------|
| This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. | From To (Feet) 0 Pit |
| Please answer all questions. If not applicable, so state, otherwise the | 2 |
| form may be returned. | 2 Topsoil |
| Owner Roger Hill For Administrator's Use | 5 Sand and gravel |
| Address 3948 S. 3rd West File#0355 323448 | 8 Static water level |
| Missoula, Montana Oct/19,1922 10:15am | 12 Sand and water |
| Date well started <u>Pay 9, 1972</u> GW 1 | _25_ 37 Clay |
| completed Nay 12, 1972 | 32 Sand gravel and water |
| Type of wellDrilled | 45 Clay |
| (Dug, driven, bored or drilled) Equipment used | 51 Sand gravel and water |
| (Chura drlll, rotary or other) Water Use: Domestic ৄ Municipal ☐ Stock ☐ Irrigation ☐ | 53 |
| Industrial Drainage Other T* Garden/Lawn | |
| | |
| *Describe | |
| state number of acres and location or other data (i.e. Lot, Block | |
| and Addition). | |
| ESTIMATED ANNUAL WITHDRAWAL 5.000.000 gallons | |
| Size of Size and Prom To PERFORATIONS | |
| Hole of Casing Kind From To Size (Feet) (Feet) | |
| 6" 6" 17# 1 up 53 | |
| | |
| | |
| | |
| N State and a Stat | |
| Static water level8 | t.* |
| at 100 gallons per minu | |
| measured 39.minutes after pumpi began. | ^{ng} |
| *Measured from ground level. | |
| Well developed by Compresses for | |
| Power Pump. | HP |
| Remarks: (Gravel packing, cementing | ng, |
| Dins . Cach . Homes No. 5 Por 4729 packers, type of shutoff) | |
| 512 05 5 C NEAVA Sec. 25 | |
| T. 7/3 NR 20 E | |
| \$ W | |
| INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQU'ARE REPRESENTS 40 ACRES. | |
| Driller's Signature | |
| Driller's Address Cake.Co. Brillinga Po.Oo. Box 670a | |
| Missoula, Montana LICENSE NO. 185 | 53 Show exact depth of bottom |

| | • | | +./ |
|---|---|--|--|
| | 7 T 4. | and the second s | |
| $\sum_{i=1}^{n}$ | | Approved Stock Form-Str | ate Publishing Co., Helena, Montana—42234 |
| le No | | | T/3 N R30 W MPM |
| UPLICATE | | | County Missaula |
| | S. | TATE OF MONTANA | Of the of the state of the stat |
| | ADMINISTR. OFFIC | ATOR OF GROUNDWATER E OF STATE ENGINEER | CODE DEC 30 1963 |
| ~ 1 | | · · · · · · | DEC 30 1963 |
| Declar (| ition of Under Chapte | Vested Groundwa er 237, Montana Session Laws, | ter Rights 1961) STAIL ENGINEER |
| 1111 | <i></i> | | Manula |
| (Name of Appr | opriator) | of Noule (Address | 1 Missoula. (Town) |
| | | | rasia prior to January 1, 1962, as follows: |
| have appropriated groundwate | r according t | to the Montana laws in effect | prior to January 1, 1962, as follows: |
| N . | - , | The haneficial use on which t | he claim is based |
| | | and triag tis | THE CHAIN IS DESCU |
| | | , | earliest beneficial use; and how continu- |
| | ð. | | 1453 Continuous |
| | Е | | |
| नस् | | | · · · · · · · · · · · · · · · · · · · |
| | 4. | The amount of groundwater | g claimed (in miner's inches or gallons |
| | | per minute) | <i></i> |
| | | | |
| 8 * | 5. | . If used for irrigation, give to which water has been a | the acreage and description of the lands pplicd and name of the owner thereof |
| | | Two acres des | cribed as lots 43+ 13N, RZO W, MPM |
| E14 Sec.25 T./3.1/. R.3b | | 44., 5ec 25., I | 13 N, R 20 W, MP N |
| idicate point of appropriation ad place of use, if possible. Eac | ١ | | |
| nall square represents 10 acres | . 6. | . The means of withdrawing s tion of each well or other me | such water from the ground and the loca- |
| | | tocated on lot | ans of withdrawal Deeps well 44, Sec 25, T13 N, R30u |
| | | .M.P.M | |
| 7. The cate of commencement | and completi | ion of the construction of the | well, wells, or other works for with- |
| drawal of groundwater | started | Jun 1453 | eted Jul 1953 |
| D 1977 - 7 - 47 A 4 4 1 2 | 0 | - () | |
| B. The depth of water table | <i>F.ro.</i> x | 70 | |
| 9. So far as it may be availal | le, the type, | size and depth of each well o | r the general specifications of any other |
| works for the withdrawal of | groundwater | 4. 113611 | leasing unided joints, |
| | *************************************** | | |
| *************************************** | ***** | | |
| O The estimated amount of | oundmater == | thduarm each man de l | 2 000 000 |
| | | · | 1,000, 000 gal per year |
| I. The log of formations encou | itered in the | drilling of each well if availal | ble laam for 3 ft, grave |
| | ······ | | |
| *************************************** | ************************ | | |
| | | | ing out the policy of this act, including |
| | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | | |
| | | | William C. Addge ner Welleum C. Falge Date Bee Ab, 1463 |
| | | Signature of Own | ner William C. Halye |
| | | | Date 620 76 1463 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

| GW 2 | Approved Stock Form-State Publishing Co., Helena, Montana-40472 |
|------------------------------|---|
| File No. | T 13N R 20 W |
| DUPLICATE | County Missaula |
| | STATE OF MONTANA TO BE BUILD |
| Top of Ground | ADMINISTRATOR OF GROUNDWATER CODE |
| <u>↓</u> ↑ 1 | MAY 21 1964 Notice of Completion of Groundwater |
| (Elev. above sea level | Appropriation by Means Toff Well GINEER |
| | (Under Chapter 237, Montana Session Laws, 1961) |
| | · · · · · · · · · · · · · · · · · · · |
| | OwnerLawrence M. Holt Address/666 Ca 4th Ct W |
| 19/ | Driller OWNEY Address |
| - 1 2/c | Date of Notice of Appropriation of Groundwater |
| tered | Date well started 5-3-64 Date Completed 5-16-64 |
| County County | Type of well Driken Equipment Used Weight |
| - July or Leave | (dug, driven, bored or (Churn, drill, rotary or drilled) other) |
| Date: | , Water Use: Domestic 🗹 Municipal 🗌 Other 🔲 Irrigation 🗍 |
| - 1 ani - 1 | Industrial Drainage Stock |
| 398 | Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. |
| ماط الماس | Show depth at which water is encountered, thickness and character of water- |
| - 30' of sprid took | bearing strata and height to which water rises in the well. |
| - 61 by | Sire of Six and From To PERFORATIONS Drilled Weight of (Feet) (Feet) |
| | Hole Casing Kind From To Sire (Feet) |
| - | 3/2 × 2" 69" 73 12 |
| | Scheduce |
| - Inak | STANCTURE SO PERFORMATIONS |
| 3, af a hour | pipe Perror |
| - 3/ N | Static Water Level for non-flowing Well |
| | Shut-in Pressure for Flowing Well |
| | Pumping Water Levelfeet at gal. per minute. |
| - | Discharge in gal. per min. of flowing well. |
| | ! |
| - ↓ | How Tested Pumped Length of Test 7 hours |
| | Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any |
| 5 | other similar pertinent information, including number of |
| [2,4], | acres irrigated, if used for irrigation) |
| 57.4 Sec. 25 T/3/V H | zoω |
| place of use, if possible. | Each |
| small square represents 10 a | cres, |
| Show exact depth of bottom. | Duner |
| \$ \$ 2 | Driller's License Number |
| | La stence W. Holt |
| | Driller's Signature |

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

I received and fijed this instrument for record on the 19 th day of 1049, 1944, at 2.25 clock a. M. permenent files of Missoula County, State of Montona Witness my hand:

MARIIN S. BZHNER, County Recorder

By 1073, 1974, 1

County....Missoula.

STATE OF MONTANA RECEIVED

ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL Developed after January 1, 1962

OCT 8 1970

DRILLER'S LOG

indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

| (Under C | hapter 237 | Montana | Section | Laws, 1961 | , as emend | ed) | Top of | Ground | (Elev. above sea level) | |
|--|---------------------------------|-----------------|-------------|---------------------------------------|--------------------|-----------------|----------------|----------------|---|------------|
| This form t | o be prep | ared by | driller, ar | nd three co | pies to be | filed | Free (Feet) | To (Feet) | | |
| by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by drillier. Please answer all questions. If not applicable, so state, otherwise the form may be returned. | | | | | | | | 10_ | Gravel & Glay | |
| | | | | | | | | 22 | Sandy_Clay | |
| OwnerR | ayYaHu | c.t | | For Admi | nistretor's U | lse l | 22 | A3 _ | Sand A Water | |
| Address .22 | 2153 | 15 8 hA) | | ile | 75541 | | 42_ | .50 | Sand & Clay | |
| M | issaula, | Mantai | na | October 12:45 | 25,197 | 2 | 50_ | 51 _ | Sand, Gravel & Water | <u>`</u> |
| Date well s | tarted Sea | 128. | 1970 | 3W 1 | ************* | | | .56.15 | " Osave L. & Water | |
| com | pleted Ses | t29. | 1270 | -/ | | •••••• | | | | |
| Type of we | ii <i>De.</i> i | Liled | | | **************** | ******* | | | | |
| Equipment | usedCha | uenDe.t. | | g, driven, bored | ot drilled) | | | | | |
| Water Use: | | | onicipal [| | | on 🖂 | | | | |
| | estrial [1 | | Ot | _ | | _ | | | | <u></u> |
| | | | | _ | Garden/Lav | _ | | | | |
| *Describe . | | | | | | | | | | |
| USR: If use | number of | acres and | location | or other da | ta (i.e. Lot, | plain, Block | | | | ; |
| and A | Addition) | ************ | | · · · · · · · · · · · · · · · · · · · | | ********* | | | | , |
| ESTIMATED | ANNUAL | WITHDOA | AΛΔί | | | | | | | |
| | | From (Fost) | | | | | | | | |
| Size of Drilled Hole | file and Weight of Cusing | (Feet) | (Feet) | \ | PERFORATION | | | | | |
| 6"1.0. | 6"1.0. | 41 | 66'5" | Kind Size | From (Feet) | (Feet) | | | | |
| | 17 lb | gbove G.L. | | 1 | RODE | ļ | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | 1 |
| | | | | | | | ├ | - | | 1 : |
| | | | | | 1 | <u> </u> | | | | 1 |
| | <u> </u> | | Can | ic water lev | l 24 | | | | | 1 |
| | - | | | nping water | | | | | | 1 (|
| | | | at . | 100 | gallons | per minute | , | | | 1 |
| } } | } | | | ssured? | minutes aft | er pumping | } | | | } ; |
| w | | + | _ | jan. easured froi | m around le | evel. | | | | 1 |
| | | 1 | | I developed | | | | | |] |
| | | | | 7 | | u | | | | 1 |
| | ľ | v | | ver narks: (Grav | | | | | | 1 |
| | - V8 / | <u> </u> | | kers, type o | | _ | | | |] |
| 21. 5. 1 | CT. LO | 9 15 | | | ****** | •••••• | · | | | l . |
| | <i>5.F</i> ,4 Se (N)R | | | | ****************** | | · | | | 1 |
| • | 5 | | <u></u> | | | ••••••••••• | | | | 1 |
| INDICATE EACH SMA | | | | LACE OF L ACRES. | ISE, IF POS | SSIBLE. | | | | |
| | | | | | | | | - | . چې خه ده چې چې چې ده چې خه چې خه ده خه ده | 1 |
| Driller's Sig | | | | ing & Pu | MD SUARI | ············· | | | | 1 |
| Driller's Ac | | | | "Missou | | | | L | | <u> </u> |
| | _ | | | LICENSI | - | | 66 | <u> </u> | Show exact depth of bottom | |

| | · 图题: | 1 T | ED | _ | | | | Missewie- Missew |
|---------------------------------|--|-----------|---------------------|----------------|---------------|-----------------|--|--|
| خلم | DE | C 19 is: | | | OF MONT | ANA | | |
| Top of G | round | | | | | | CODE | |
| | re sua leval | <u> </u> | Notice of | Comp | etion c | f Groun | ndwate | gation differes and, e of water Te Green |
| 0-13 | | | | | _ | | | gation differe sand, et of water wat |
| | _ | • | (Under Ch | apter 237, | Montana S | lession Laws, | 1961) | Misson Security 1956 Lit. To Green proper minument of the proper |
| 13-20 | some elay | • | HowardJops | on | Address | 1722C.La | ments | ater ii |
| 20-02 | Sand, gravel & | | | | | Target A | Innee . I | Missee Sevilaring ation and for of water |
| | water | | | | | | • | Missee descute 1986 right of wat representation representa |
| 32-25 | Clay, sand, & gravel | | | - | | | | |
| 35-52 | Sand and water | | | _ | | • | • | Viscous Secure of Water Minus Secure of Wate |
| 52 -3 5 | Sand, pravel & | (dug, d | iriven, bored or | | (Churn | , drill, rotary | | |
| _ _ | water | Water I | | | | _ | | Viscous Secure of Water Communication of Wate |
| 55=62 | Sand and water | | | _ | + - | | | Missewissewissewissewissewissewissewisse |
| 62-65 | Send, gravel & | strata m | et with in drill | ing, such a | s soil, clay, | shale, grave | l, rock or | Missowie soule 1966 |
| | water | Show de | pth at which w | ater is enc | ountered, tl | nickness and | character | |
| | - | Shee of | No red | | 7. | | | |
| | : | | Weight of Coding | (Feet) | (Post) | Kind | From | Te |
| <u>.</u> | | 6" | 6# I.D. | 6P | | *** | (Feet) | (Feet) |
| | | | 17 lb per | abeve G. L. | 65' | | nene | |
| | | 1 | 7001 | | | | į | Missee descute 1986 right of wat representation representa |
| | | | | | | | | |
| | <u></u> | Ste | itic Water Level | for non-fl | owing Well | .201team | .400.06 | alak |
| | | l l | | | | | • | • • |
| | | 1 | | | | | | |
| | | | | | | | | |
| w | | e | | | _ | | | DDE dwater Nell 1961) 1961) 1961) 1961 1970 1986 1990 19 |
| | | | | - | _ | | | |
| | | | tion of | place of t | se of group | ndwater if n | ot at well | Viscows Soula igation different sand, of water of water districtions of water districtio |
| | | , | APTEL S | minar be | tinent inte | • | • | gation difference of water of water distribution of water distribution of water distribution of the contract o |
| | | | | | | F1@811011 } | | Missessia Misses |
| 14. | S 7 /2 // P.2 | <u>.</u> | acres ir | | | _ , | | Missee disterning and a roll water from the difference of water from the disterning and a roll water from the disterning a |
| Indicate | Sec2.5 T/3// R.2. | nd | acres ir | | | _ , | CODE Inciwater Well 1, 1961) Coments, Misses Range, Misses 14, Misses 14, Misses 14, Misses 15, rock or sand, of character of will. EXPORATIONS From Green To Green Misses To Green The | ********** |
| Indicate place o | Sec2.5 T/3// R.2. location of well a f use, if possible. Ea | nd ich | acres ir | | | _ , | | |
| Indicate place o small so | STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Notice of Completion of Groundwater Appropriation by Means of Well (Under Chapter 237, Montana Session Laws, 1961) Sand and gravel a water Sand, gravel a water Clay, aand, a gravel a water Clay, aand, a gravel a water Sand and water Clay, aand, a gravel a water Sand and water San | | | | | | | |
| Indicate place o small so | Sec2.5 T/3// R.2. location of well a f use, if possible. Ea | nd ich | acres ir | | | | | |
| Indicate place o small so | Seal.C. T./3/N R.2. location of well a f use, if possible. Ea quare represents 10 acr | nd ich | acres ir | | | | | ······································ |

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44,874

I received and filed this Instrument for record on the 13 day of Lace 19 6.0 dt. 18.5 sclock f. M., permanent files of Missoula County, St. 18 of Montana Witness my band.

Varance B. Crouse, County Recorder by Relation Manual County St. September 19 Se

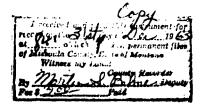
| | | Approved Stock Form—State P | wollshing Co., Helens, Montans—0234 |
|--|---|---|--|
| File No | - | | T 13N R 20W |
| DUPLICATE | | | County |
| | ADMINISTRA | ATE OF MONTANA TOR OF GROUNDWATER OF OF STATE ENGINEER Vested Groundwate | DE CEIN |
| De | claration of \ | Vested Groundwate | r Rights JAN 3 1964 |
| | | 237, Montana Session Laws, 19 | |
| Herbert A. & Ga | Wie H Kicker | ot 37/7 RH | Missoula |
| • (Name of | Appropriator) | (Address) | (Town) |
| here appropriated ground | ndwater according to | the Montana laws in effect pr | (Town) Na. ior to January 1, 1982, as follows: |
| M | · | | claim is based. Dorn estic Stock Water rliest beneficial use; and how continu- IN Continues USE |
| w | | *************************************** | |
| 5 | 4. | The amount of groundwater coper minute) 20 gal. po | laimed (in miner's inches or gallons |
| | 5. | If used for irrigation, give the | acreage and description of the lands |
| WILELNEY . | _ | ONE ACTE STOWN | ied and name of the owner thereof |
| SW 4.6F 800.25 T/3N | | 00-21-22-01-12-22-00-00-00-1-1-1-1-1-1-1 | *************************************** |
| Indicate point of appropand place of use, if possible small square represents 10 | s. Each Dacres. 6. | The means of withdrawing such tion of each well or other means 5 feet West of Wys Sec 25 7:13 Me. | water from the ground and the loss of withdrawal Well Located House on Wiz Funcia |
| 7. The date of commen drawal of groundwate | cement and completion 19 45 51 | n of the construction of the warred Ce NSTruction | rell, wells, or other works for with- & Completed Same year |
| 8. The depth of water ta | ble 20 feet | below ground Ser | -tisce |
| 9. So far as it may be works for the withdra Myors 1/3 H. | available, the type, a wal of groundwater P. Electric He.2VI Siee | ize and depth of each well or to well is 15 Feed year. Pump with 11t inch | the general specifications of any other CAS: Mg. SUS HAM DIPE |
| 10. The estimated amount | of groundwater with | drawn each year 400,00 | 00 gallons per Yest |
| 11. The log of formations | encountered in the d | rilling of each well if available. | Not available |
| ******************************** | | ************************************** | *************************************** |
| 12. Such other information reference to book and | m of a similar nature | e as may be useful in carrying record. | out the policy of this act, including |
| | | Signature of Owner, | Therbest a Kicker Date Dec 31 1963 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please enswer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.





| v 2 le No | • • | S | fatë Water | | NSERVATI | Approyed | Stock F | Form— | State Publishi | 1 | | ্ ক, |
|-----------------------|--|-------------------------|-----------------------------------|---------------|----------------------------|--|-----------------|---------------|---|---|---------------------|--|
| | | •• | J | UL | 14 1966 | | | | 1 | | | |
| UPLICA | ate . | | Bitto | | . McDermoi | t | CITT A R | WID 6 | | | | |
| | 3 | rog | Butzerin | | _ McNulty_ | ADMINIST | OTAS | R O | F GROUI | :Ana IDWATER | CODE | , |
| | Top of Ground | | | | | OFF | ICE (| OF S | STATE E | ngineer | | ; · · , |
| - | (Elev. above sea | level | Dickert |) | Not | ice of C | om | ple | tion c | f Grou | ındwat | er |
| - [| | | • | • | | | | • | | | | |
| - | 0 to 4º Pli | _ | | | | | | | | | | |
| - | and the second second | | revel & | | | (Under Chap | ter 23 | 37, M | Iontana S | ession Lav | vs, 1961) | |
| - | cobblestones | - | _ | _ | Ve | rn Jakkalı | 2 | | | 77/0 | P 0 W | |
| - 1 | | | _ | • | /ALUL | | ······ | | | | | ٠. |
| - | | | | Dr | iller. Gle | nn Camp 1 | 705 / | Alde | Addre | ss Mi B e | ioula.Hor | t |
| - | | | | Da | te of Noti | ce of appropr | riation | of | groundwa | ter | **************** | 44,000,000,000 |
| - | & water | STTEÀ | sand | De | te well ste | rted 10/30 | /65 | | Date 4 | Sotelamos | 11/2/65 | |
| - 1 | | 2024 | | | | Drilled | | | | | | |
| - | & water | anno, | ALEAST | Тy (| pe of wel (Dug, Drive | L | lled) | •••••• | Equipm (Churn | ent used drill, rotar | y or other) | |
| _ | | 2700 | 1 9 | W | ater use: | | _ | | | | | DE Swater Nell (1961) Ave 4 (1961) Ave 4 (1961) Ave 4 (1965) From drill other) Irrigation (1960) DRATIONS From (Feet) To (Fe |
| _ | eu 05 ' (| ** 4 A B | r o metel | | Tndte-4 | | _ | | - | | _ | mant -t- |
| | | | | me | t with in | drilling, such | AS SO | il, cl | ay, shale, | gravel, ro | ck or sand, | etc. Sh |
| _ [| | | | cte) | ptn at which ata and he | en water is er eight to which | acount h the | rered wate | , tnicknes r rises in | s and char the well. | acter of wa | er-Deari |
| _ [| | | | = | Size of | Size and | | | To | | PREME ATTOM | |
| _ [| | | | | Drilled Hole | Weight of Casing | (Fee | et) | (Fest) | Kind | From | To |
| _ [| | | | | Se | 5#T D | 10= | | | Size | (Feet) | (Feet) |
| _ | | | | | J.: | | 1 | | | | | |
| _ [| | | | | | 14# | 1 | 1 | | | nen- | |
| _ [| | | | | | | " | - 01 | · -3" | | 110118 | |
| _ [| **** | | | | | | | _ { | | | | |
| - 1 | | | | = | | N | | St | atic Wat | er Level | for pon-flo | wing w |
| - [| | | | | | T | | | 11 100 | | | _ |
| - 1 | | | | | | | | | | | | 1 |
| - 1 | | | | | | | | | | | | |
| - [| | | | w | | | — E | | | _ | | |
| - | | | | | | Appropriation by Means of Well DEVELOFED AFTER JANUARY 1, 1962 (Under Chapter 237, Montana Session Laws, 1961) Address 3748 S. Ave Well and Cemp 705 Alder Address Missoula. Hont are of appropriation of groundwater. Ared 10/30/65. Date completed 11/2/65 Domestic Municipal Stock Irrigation (Churn drill, rotary or other) Domestic Municipal Stock Irrigation on the diagram the character and thickness of the different at drilling, such as soil, elay, shale, gravel, rock or sand, etc. Sich water is encountered, thickness and character of water-bear eight to which the water rises in the well. Site and Weight (Feet) To (Feet) To (Feet) To (Feet) | owing w | | | | | |
| - | | | | | | | | H | ow Tested | Compress | er test | 75 G. |
| - | | | | | | <u>. _ _ </u> | | | Sof GROUNDWATER CODE OF STATE ENGINEER Detion of Groundwater In by Means of Well AFTER JANUARY 1, 1962 7, Montana Session Laws, 1961) Address. 3748 S. Avg # Address. Missaula Font of groundwater. Date completed. 11/2/65. Equipment used. Churn drill (Churn drill, retary or other) Municipal Stock Irrigation Drainage Other Character and thickness of the different strall, clay, shale, gravel, rock or sand, etc. Sho ered, thickness and character of water-bearin vater rises in the well. To FERFORATIONS Kind From (Feet) Static Water Level for non-flowing well. Static Water Level for non-flowing well. Pumping Water Level. 20 feet Shut-in Pressure for Flowing Well. Pumping Water Level. 20 feet To gal. per minut gatiff Discharge in gal. per min. of flowing well. How Teste Compresser test 75 G.P. Length of Test. 1. Hour. Minute Remarks: (Gravel packing, cementing, pacers, type of shutoff). (Continue on reverse sident and string or other. Explain, string or other. | | | |
| - [| | • | | | | 8 | | | _ | | | iting, pa |
| - | | | | S⁄ <u>≅</u> , | 1/4Sw./:/Sec | .2s_t/31 | R2D | er | s, type of | shutoff) | | ************ |
| - | | | | In pl | dicate Toca | ation of well | l and Each | | | | | |
| - | | | | SII | ıall squar | e represent | s 40 | | ************** | *************************************** | *************** | *********** |
| <u>]</u> | | | | | | ****** | | •••• | | ******************* | | |
| - [| | | | •••• | | ************************* | •••••• | ••••• | | (Cor | tinue on re | verse si |
| _ [| | | | U | BE-If use | ed for irriga | tion, | indu | strial, dr | ainage or | other. Ex | plain, st |
| | | | | | tion). | . Or acres at | .a 100 | er e I O I I | or omer | unia (1.6.) | HOW DIVER | anu Au |
| _ | | | | •••• | | *************************************** | •••• | | ************* | ····· | *********** | |
| _ | | | | | | | | | | , | ******************* | |
| 1 | Show areat day | th of 1 | hattam | | | *************************************** | | | | | | |
| - | Show exact dep | th of | bottom. | **** | | ***************** | ********* | ********* | ************ | *************************************** | ****************** | |
| | _ | JUL 14 1966 Modernot | . 7 | | | | | | | | | |
| ounty Cl | to be prepared by lerk and Recorder i | driller | , and three cop | | | | | | | icence <i>á</i> r's License | | |
| ounty Cl etained b | to be prepared by | driller | , and three cop ounty in which | the | well is loca | ted, tissue copy | y to be | 3 | | | | |

I rectived and Whet this passurament for record on the St. day of the Control of the St. day of

| | | | · · | | • |
|--|--|--|---|---|--|
| GW1 . | * | | , | 20W | v |
| File No | | | | | NGINEER Pula to ap- ton a or less er, 70 foot ely 70 fee |
| DUPLICATE | Cire 4 Ports | | CountyMis | soula | |
| | ADMINISTRATOR O | F GROUNDWATE | 101 | ECEIVE | |
| | Notice of Appropr (Under Chapter 237, 1 | iation of Groun Montana Session La | | Missoula DECEIVE APR 27 1902 STATE ENGINEER W. Missoula (Town) , intend to ap- n Laws of 1961. nd irrigation s 93 and 94 acres more or less laimed 62 well* or wells* nch diameter, 70 foot Approximately 70 fee | |
| (Name County ofMi | of Appropriator) ssoula, State | (Address of Montana | 3) (' | Town) , intend to ap- | ~ • • |
| 2. The beneficial | use to which water is to b | e applied isdo | mestic and in | rigation | |
| SW 1/4 of S (describe la | ection 25 Townsh | 11p13Range | 20W Lots 93 10 acre | and 94 | 88 |
| 3. The rate of use | in gallons per minute or i | niner's inches of gr | oundwater claimed | | |
| 250 gallo | ns per minute | | *************************************** | | |
| 4. The annual ne | rioo (inclusive dates) of i | ntended use Year | around | | |
| _ | · | | | • | |
| - | | | | | |
| | | | | | |
| | | | | | _ |
| | | | | | ľO |
| | | | | | |
| 8. The probable | or estimated depth of the | water table or arte | sian aquifer Appr | oximately 70 | ſ |
| 9. Name, address | | (, | | | |
| 10. Give such other | er similar information as n | | | | |
| | | | | | |
| DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINER Notice of Appropriation of Groundwater (Under Chapter 237, Montana Session Laws, 1961) STATE 1. 1. Jess U. Kline (Address) (Tow. (Name of Appropriator) (Address) (Tow. County of Missoula, State of Montana Session Laws of County of Missoula, State of Montana Session Laws, Missoula, State of Montana County of Missoula, State of Montana County of Missoula, State of Montana County, Missoula, Mi | | | | | |
| W. 70 | ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Notice of Appropriation of Groundwater (Under Chapter 237, Montana Session Laws, 1961) I, Jess U. Kline , of 4022 South Ave. W. (Name of Appropriator) (Ounty of Missoula , State of Montana propriate groundwater in accordance with Chapter 237, Montana Session Law The beneficial use to which water is to be applied is domestic and 1 SN 1/4 of Section 25 Township 13 Range 20W Lots 95 (describe lands to be benefited, if for irrigation) The rate of use in gallons per minute or miner's inches of groundwater claimed 250 gallons per minute. The annual period (inclusive dates) of intended use Year around The probable or intended date of first beneficial use June 1, 1962. The probable or intended date of commencement and completion of the well* June 1, 1962 The location, type, size and depth of well or wells contemplated Inch. depth, approximate. The probable or estimated depth of the water table or artesian aquifer App. Name, address and license number of the driller engaged And Apply at June 1 Apply at Jun | | | | |
| . ,******************* | | W | ′ | E | INEER In the second se |
| | , | | | +-+ | |
| | | | | | |
| | | *************************************** | Y | | |
| | | | | | |
| | | | SW 1/4 Sec. 25 | T.130R 20W | |
| | | , | Locate well or or development as | accurately as | |

Signature of Appropriator plate 4-24-62

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

| GW 2 . | Approved Stock Form—State Publishing Co., Helman Montana 3836 |
|---|---|
| DUPLICATE | County STASSOCHGINEE |
| Top of Ground | STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER |
| (Elev. above sea level Apprex. 3150° | Notice of Completion of Groundwater Appropriation by Means of Well |
| | (Under Chapter 237, Montana Session Laws, 1961) |
| 0-1 topsoil | TARGET RANGE TRAILOR COUR |
| - I LALL DANGY CLAY AND | ner JESS Us KLINE Address Missoula, Mentara |
| | e of Notice of Appropriation of Groundwater |
| 27-42 SAND & GRAVEL Date 15 Water Date | e well started May 21, 1962Date Completed 1964. 2 |
| 42-45 Tan CLAY WITH TYP | pe of well |
| - 45-68 SAND & SILT, WATER, Was | ter Use: Domestic Municipal Other Irrigation Industrial Drainage Stock |
| - 68-70 SAND & GRAVEL. WATER | I Indicate on the diagram the character and thickness of the different |
| stra | ata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. ow depth at which water is encountered, thickness and character of water- |
| - GRAVEL Dea | aring strata and height to which water rises in the well. |
| 73-90 SAND + SCATTERED Bize of Drilled | Size and From To PERFORATIONS Weight of (Feet) (Feet) |
| - gravel Hole | Casing Kind From To |
| 90-95 Some SAND, 81N | 11-11 01/27 |
| - 90-95 Some SAND, BIN GRAVEL & COBBlas, DWATER | 24# +1' 94'8" NONE |
| - Water 1st Encountered AT 27'. | |
| - Water Rises to 19.4" From | |
| - SURFACE | |
| - | Static Water Level for non-flowing Well |
| - | Shut-in Pressure for Flowing Well DON - FLOWING |
| - | Pumping Water Level |
| | Discharge in gal. per min. of flowing well. 2001- Flouring |
| | How Tested Air Lift Purposength of Test 3/2 hoves |
| | · · · · · · · · · · · · · · · · · · · |
| - | Remarks: (Gravel packing, cementing, packers, type of shutoff, loca- tion of place of use of groundwater if not at well, and any other similar pertinent information, jucluding number of |

Bottom of Well 15 94' 8" From SURFACE.

SWASWASEC.Z.5. T...13/ R.2.0 Indicate location of well and place of use, if possible. Each

Show exact depth of bettom.

small square represents 10 acres.

William F. Osbarne

acres irrigated, if used for irrigation)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

I received and filed this instrument for record on the Sanday of Mary 1962 at No. 4 o'clock L.M., permanent files of Missoula County, State of Montana Witness my hand:

MARTIN, S. BEHNER, County Recorder

By Martin Deputy

Fee Sanday Paid

| GW 2 | | State Publishing Co., Helena, Montana—42329 |
|---|--|--|
| Etia No | TANA WATER RESOURCES BOARD RECEIVED | T 15H R SON 25 |
| DUPLICATE | NOV 2 2 1968 | County Missoula |
| rog | STATE O | F MONTANA |
| Top of Ground | | GROUNDWATER CODE |
| (Elev. above see level 53271 | Notice of Comple | tion of Groundwater |
| Formations Log: | | by Means of Well |
| | | TER JANUARY 1, 1962 |
| O = 26 Cobblestones | • • | iontana Session Laws, 1961) |
| with tan silt. | Sarl E. & Owner Flin G. Lalonde | Address Missouls Montana |
| gravel. | | • |
| 44 - 63 Fine brown sand, Some | | co-Address Missonla, Montana |
| water. 65 - 76 Fine gray | Date of Notice of appropriation of | groundwater None 211ed |
| - sand & coarse | Date well started 11/1/68 | Date completed 13/4/68 |
| gravel. Vater. Haterials too | Type of well prilled (Dug, Driven, bored or drilled) | Equipment used cable Tools (Churn drill, rotary or other) |
| - fine to succes- | Water use: Domestic 🖃 Muni | icipal 🗌 Stock 🗍 Irrigation 🗑 |
| sfully develop well, | - | inage Other O |
| 76 - 80 Clean coarse gravel. Water. | met with in drilling, such as soil, cla | racter and thickness of the different strata ay, shale, gravel, rock or sand, etc. Show |
| | depth at which water is encountered strata and height to which the water | , thickness and character of water-bearing r rises in the well. |
| _ | Size of Size and From Drilled Weight (Feet) | To PERFORATIONS |
| - 1 | Hole of Casing | Kind From To |
| - 1 | 6" 6 5/8" | |
| - | 0D × 1/4 0 | 80 NOME |
| | • | |
| - | | |
| | | |
| | N Sta | atic Water Level for non-flowing well |
| - | Sh | ut-in Pressure for Flowing Well Ron-f. |
| - 1 | Pu | imping Water Level |
| - | " " " " | at30gal. per minute. |
| - f | | scharge in gal. per min. of flowing well ' Non-Flowing. |
| - | X Ho | ow TestedAir1121pump |
| - | | ength of Test. Three hours |
| | Lot 39 | emarks: (Gravel packing, cementing, pack- |
| 5w 24 | | s, type of shutoff).Allwaterenter- ng woll is coming through |
| L l | place of use, if possible. Each | pen bottom of six inch asing. Wells in this area |
| _ ! | acres. | an be depended upon to pro- |
| - | not overpumped, i.e., | ater as long as they are they should be pumped at |
| - ! | .Lace2 | strin, dranage or other. Explain, state |
| ├ 【 | | or other data (i.e.: Lot, Block and Addi- |
| F | • | *************************************** |
| Ohan aread denth of the same | | *************************************** |
| Show exact depth of bottom. Bottom of hole 80 | ************************************** | |
| This form to be prepared by driller, and three co | nies to be flied by the owner with the | 52 |
| County Clerk and Recorder in the county in which retained by driller. | | Driller's License Number |
| Please answer all questions. If not applicable, | so state, otherwise the form will be | Welliam & Oslowe |
| returned. | | Driller's Signature |
| | | 44,190 |

| Min. No. | | Approved Stock Form—State Patilishing Co., Helenz, Mortans—2224 |
|--|--|--|
| File No DUPLICATE | Wydr +224/02772-22-1 | |
| LAIMANTE | | STATE OF MONTANA |
| | | TAN 3 1957 |
| | | DE OF STATE ENGINEER |
| | Declaration of | Vested Groundwater Rights ENGINEER |
| | (Under Chapt | er 237, Montana Session Laws, 1961) |
| mo. | . # | 2000 - 20 741 - 0 |
| 1 //potou | (Name of Appropriator) | (Address) (Town) |
| County of | ussoula | to the Montana laws in effect prior to January 1, 1962, as follows: |
| mater appropria | M Recition asset acceptants | to gre monthly laws to effect brut to definer 1' 1'soe' as words: |
| | 7 2 | The beneficial use on which the claim is based dosnostic |
| | - L :X : - L | |
| | 8 | 3. Date or approximate date of earliest besufficial use; and how continuous the use her had a first term of the use had been a first |
| | | ous the use has been July 1.5, 194. |
| | | |
| | / | The amount of groundwater claimed (in miner's inches or gallons per minute) |
| _ | | |
| رني الما | | 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof |
| . I. APP I | -1// | Acas |
| | TB R-20 | |
| Indicate point of and place of use, i | if possible. Each | The means of withdrawing such water from the ground and the loca |
| small square repr | ements to screat | tion of each well or other means of withdrawal |
| | | |
| 7. The date of | commencement_and_complet | tion of the construction of the well, wells, or other works for with |
| drawal of gr | oundwater | 1262 |
| 6 mb 4 | water table 6.5 £ | • • |
| | · · · · · · · · · · · · · · · · · · · | , , , , , , , , , , , , , , , , , , , |
| 9. So far as it works for the | may be available, the type, withdrawal of groundwater. | size and depth of each well or the general specifications of any other |
| ************* | | |
| *********************** | | |
| ###################################### | | |
| | . | 760 11 |
| 10. The estimated | l amount of groundwater w | |
| 10. The estimated | amount of groundwater w | drilling of each well if available 0-5 dort, 5-14 cand |
| 10. The estimated 11. The log of to AREA S. S. | amount of groundwater w | drilling of each well if available 0:5 det, 5' 14 cond sour 36' 41' grave 112 Clay 42' 51' 53' 53' 53' 53' 53' 53' 53' 53' 53' 53 |
| 11. The log of to | prinations encountered in the ay, 141-26 Class grave 155 Clay with grave loves to be seen | drilling of each well if available 1: 5 dot, 5: 14 conditions of 14 st. 15 conditions of 15 |
| 11. The log of to space 1. S. S. Stand 1. Stand 1. Stand 12. Such other in | prinations encountered in the ay, 141-26 Class grave 155 Clay with grave loves to be seen | drilling of each well if available 12.5 days, 5. 14 conditions of the same of |
| 11. The log of to space 1. S. S. Stand 1. Stand 1. Stand 12. Such other in | primations encountered in the ay, 191-26 class of class of class of the class of th | drilling of each well if available 12.5 days, 5. 14 conditions of the same of |
| 11. The log of to space 1. S. S. Stand 1. Stand 1. Stand 12. Such other in | primations encountered in the ay, 191-26 class of class of class of the class of th | drilling of each well if available 1: 5 dept., 5: 14 conditions of the same of |
| 11. The log of to space 1. S. S. Stand 1. Stand 1. Stand 12. Such other in | primations encountered in the ay, 191-26 class of class of class of the class of th | drilling of each well if available 12.5 days, 5. 14 conditions of the same of |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

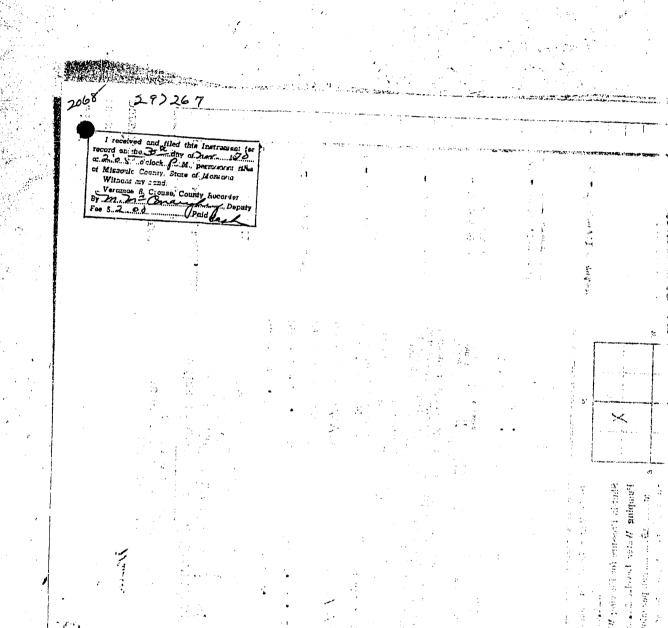
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

the original state of the state

| ATE | | | | | | | R2011 | |
|-----------------------------|--------------------------|--------------------|------------------------------------|---------------------|-------------------|------------------|---|-----------|
| | | ner i es la finale | , "=J | STATE (| Cou DF MONT | - | ssouls | |
| 1.0 | . | TAY 13 19 | 6 2DMINIS TI OFF | LATOR O | F GROUI | DWATE | R CODE | |
| Top of Ground | Approx | | | | | | | |
| (Elev. above sea le | Mer 20001 |) | tice of C | | | | | ter |
| Formations ! | Log: | | Appropri | ation | by Mo | eans (| of Well | |
| 0 - 6 Bla | ak dirt | | | | TER JAN | | | |
| 4.5 | oulders. | | (Under Chap | _ | nontana S | session La | .wa, 1961) | |
| 0 - 30 San | d & grave] ed in clay | | anor A. & Vib.LL e | | Addre | :::)! :: | ouls | on t |
| 30 - 38 Sam | d and | • | erty-bril | | | | • | |
| 38 - 48 Fim | | | | _ | | | - | |
| som Wat | e gravel. | | ice of approp | | | | | |
| Mat | erial too | Date well st | arted6/6 | ,/6 6 | Date | completed | -6/7/66 | ****** |
| | e to cessfully | Type of we | ellDgrilled |]][a]) | Equipme | ent used. | CableT | ool |
| | elop well. | Water use: | • | - | - | | ck 🗍 Irri | gation |
| | q f ttaAe] | l. | Industrial | Dr. | inage 🗌 | Oth | er 🗀 | |
| Goo | d water. | met with in | on the diagra drilling, such | as soil, c | lay, shale, | gravel, r | ock or sand | . etc. |
| | | depth at wh | ich water is en leight to which | acountered | l, thicknes | us and cha | racter of wa | ater-b |
| | | Sint of | Size and | 1/rem | Te | | PERPORATION | |
| | | (Driffed Mala | Weight of Casing | (Feet) | (Feet) | Kind | From | T |
| | | 6* | 6 8/24 | | | | (Feet) | a |
| | | 0" | 6 5/8" OD = 4" | +2% | 57 | × | ONE | |
| | | | | | - | | | |
| Vater rises 10 feet from | | | 1 | | ļi | | 1 | |
| | | , | | | | | 1 | <u> </u> |
| | | | N | s | tatic Wat | er Level | for non-fl | |
| | | | x | | | | 10 | |
| | | | | | | | Flowing We | |
| | | w L | | 」 。' | | | al. per minu | |
| Ī | | | | מ | | _ | r min. of f | |
| | | | | | | | Non- | |
| • | | | | | | | Life Tu | |
| | | <u></u> | | | _ | | e-hour cking, ceme | |
| Į | | | | es | | | 'All'''WE' | - |
| | | Indicate lo | cation of wel | l and 4 | | | vii art | |
| | | small squa | e, if possible. tre represent | | be ope | n-bott | : | 13 |
| | | acres. | completio | | | | is with | |
| 1 | | | broduce- | | | | | • |
| | | USE-If w | sed for irriga | tion, indi | astrial, dr | ainage or | r other. Ex | plain |
| 1 | | | per of acres at | | | | | |
| | | | | | old him ij . w.ee | #**** | *************************************** | |
| | | 170 6 | WI OOR | GI | | - Addi | CTON | |
| Show exact depth | ad battam | ***************** | *********** | ******************* | ********** | ************ | | ****** |

Driller's Signature

| | MOTERATE ALL | TERNESCUR EIV | CES BO Approved | Stock Form- | -State Publish | ing Co., Helena | , Montana 423 | |
|-------------------------|------------------|---|--|-------------------------|-------------------------|-----------------------------|----------------------|---|
| 3 No | | | | | | 13 A R | | |
| PLICATE | DE | C 2 197 | | STATE (| | nty M | lay | *************************************** |
| LOG Top of Ground | | | ADMINISTR | ATOR O | F GROU | | | |
| (Elev. above sea level. | 3,223) | Not | ice of C | omple | tion o | of Grou | undwa | er |
| | | | Appropri | | • | eans o | | |
| 0 - 51 top soil | | | (Under Chap | | | · | | |
| | Ωu | mar Jack | L. Lohnen | | Λddr | neer Allego | Dr. Mar | en le |
| - | | | old Ko Pio | | | | | |
| 33 - 8 gravel & se | end | | ce of appropr | | | | | |
| • | | | rted 3/.20/.7 9 | | - | • | | |
| - | | | • | | | _ | | |
| 8 = 25 gravel sand | (| Dug, Driver | ldrilled n, bored or dril | iled) | (Chur | n drill, rotar | y or other) | |
| | ₩ŧ | ater use: | Domestic Industrial | _ | icipal 🔲 inage 🔲 | | k 🔲 Irri r 🔲 | gation 🔲 |
| - 25 - 40 sand & wat | t er me | Indicate t with in | on the diagra drilling, such | m the cha as soil. c | racter an lay, shale | d thickness , gravel. ro | of the diff | erent strata , etc. Show |
| _ | đej | pth at which | ch water is en eight to which | countered | i, thickne | ss and char | | |
| 40 = 45 red clay | | Size of Drilled | Size and Weight | From (Feet) | To (Feet) | | PERFORATIO | 18 |
| no sater | | Hole | of Casing | , | | Kind Size | From (Feet) | To (Feet) |
| | | 5 inch | 16 1bs. | 0 | 83 | none | | |
| 45 - 78 heaving s | and | | per ft. | | | | | |
| a water | | | | | | | | |
| . | = | | | | | | | <u> </u> |
| 78 - 83 gravel & | sator | ····· | N I | ¬ St | tatic Wa | | | owing well |
| _ | | | _ <u> x _</u> | SI | hut-in Pro | | | £.top.feet. |
| | | | 7 | i i | | | | ftopfeet |
| - Linc. No. 297 | 267 W | | | 1 - | | 5gai in cal nor | _ | te. lowing well |
| · ""da for record | | | | | Bonargo | m gar. per | | |
| *Me 30 day of | 2:05 | | | | | - | | |
| Stelens - | | | s | | | _ | • | nting, pack |
| 3'doct D M. | 44. | day Al En | 25 T.13NI | , , | rs, type of | f shutoff) | *********** | |
| o'clock @ M. | | | | | | | | |
| 3'clock @ M. | Îne pla | dicate loca ace of use, | ation of well , if possible. | Each | | | | |
| S'clock @ M. | Înc pla sm | dicate loca ace of use, | ation of well | Each | | | ************ | |
| 3'clock @ M | Înc pla sm | dicate loca ace of use, nall squar | ation of well , if possible. re represent | Each s 40 | | | ***************** | |
| 3'clock @ M | Inc. | dicate loca ace of use, nall squar res. | ation of well, if possible. re represent | Each s 40 | ıstrial, dı | (Cor | ntinue on r | everse side) |
| S'clock @ M | Inc. | dicate loca ace of use, nall squar res. | ation of well , if possible. re represents ed for irriga er of acres an | Each s 40 | ıstrial, dı | (Cor | ntinue on r | plain, state |
| S'clock Q M | Inc. | dicate loca ace of use, all squar res. SE—If use numbe | ation of well , if possible. re represents ed for irriga er of acres an | Each s 40 | ıstrial, dı | (Cor | ntinue on r | plain, state |
| Show exact depth of 1 | Inc ple sm ac: | dicate loca ace of use, all squar res. SE—If use numbe | ation of well , if possible. re represents ed for irriga er of acres an | Each s 40 | ıstrial, dı | (Cor | ntinue on r | plain, state |
| School PM | Inc ple sm ac: | dicate loca ace of use, all squar res. SE—If use numbe | ation of well , if possible. re represents ed for irriga er of acres an | Each s 40 | strial, di | (Corrainage or r data (i.e. | other. Ex: Lot, Bloe | plain, state |



| | | • • |
|--|---|---|
| | | |
| | | |
| 3 <i>h</i> | Approved Stock Form—State Pub | Hishing Co., Helena, Montana 42234 |
| File No | • | T 13 PR 20 |
| DUPLICATE | | County |
| | STATE OF MONTANA | DECEIVE |
| | RATOR OF GROUNDWATER COI | DECEIVED |
| | DE OF STATE ENGINEER | DEC 3 0 1963 |
| Declaration of | Vested Groundwater | Right ATE FINE TO |
| (Under Chapt | er 237, Montana Session Laws, 1961 | i) |
| George ELloyd and or | | |
| 1 Jean Lloyd | , of 3510 South | arc. West Missoula |
| 1. Lean Lloyd (Name of Appropriator) County of MISSOULA | (Address) | (Town) |
| have appropriated groundwater according | to the Montana laws in effect price | or to January 1, 1962, as follows: |
| и | | 1 , , , |
| | 2. The beneficial use on which the cla | aim is based household |
| <u> </u> | 2. The beneficial use on which the cla | 27/04/ |
| | 3. Date or approximate date of earli ous the use has been Octo | |
| | ous the use has been Oct 6 | -1957 CONTINUOUS |
| E | | |
| | | imal (in minus) inches en mallem |
| | L. The amount of groundwater cla per minute) 2092 | Per hill vie |
| | | |
| | 5. If used for irrigation, give the a | creage and description of the lands |
| sus. Survey # 1 | to which water has been applie | d and name of the own; thereof |
| E. 1/2 Sec 25 T. /3 R. 20 | wheat Owner | George E Lloyd |
| Indicate point of appropriation | and or Jean | 2/04 |
| and place of use, if possible. Each | 5. The means of withdrawing such v | water from the ground and the loss. |
| sman aquate represents to acres. | | |
| | Well public for I | bwithdrawal 1565 FOM 10 Factor 9 E |
| | ++++++++++++++++++++++++++++++++++++ | |
| 7. The date of commencement and compled drawal of groundwater | tion of the construction of the wel | l, wells, or other works for with- |
| *************************************** | *************************************** | ······································ |
| 8. The depth of water table | 30 teet | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | |
| So far as it may be available, the type works for the withdrawal of groundwater | size and depth of each well or the | general specifications of any other |
| 4 | * | |
| SWEM - 45/N | <i>J.</i> | |
| | ······································ | |
| 10. The estimated amount of groundwater w | ithdrawn each year / 50 | o ooo gal per yea |
| 10. The estimated amount of groundwater v11. The log of formations encountered in the | | wat encileble |
| IJ. The log of formations encountered in the | drilling of each well if available | 14 0 1 4 0 a 1 1 a 21 C |
| | | |
| | | |

Signature of Owner Silver Klayd

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

reference to book and page of any county record

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

| TATE WATER CONSERVATION FORM: MAY 3 1967 County Misseula MAD 3 1967 County Misseula MAD 3 1967 Top of Ground Appropriation of Montana Appropriation by Means of Well Deviations Log: Notice of Completion of Groundwater Appropriation by Means of Well DEVELORED ATTER JANUARY 1, 1962 O = 1 Top soil. 1 = 17 | 3W 2 | | | | | Approved | Stock Fo | rm-State Publishi | ing Co., Helens | , Montana—456 | 42 | | |
|--|------------|----------------|-----------------------|------------|--|-----------------|---------------------|---|-------------------------|----------------------------|--------------------------|--|--|
| Top of Ground Cite Appropriation Approp | File No. | | ₹ STA | TE WAT | ER CONS | ERVATION | | TT | 3N R | 20W | 25 | | |
| Top of Graund Developed Patter Strate Noutrans Appropriation by Means of Well Developed Patter Annually 1, 1962 O = 1 Top soil. 1 - 17 Sand, gravel 2 tooblestones() once. Remarks D. 2. Magradak Addres. Missoulist Nontans 38 - 45 Time sand. 38 - 45 Carey I imbedded. 25 - 60 Sar 2 1 sand. 27 - 60 Sar 2 1 sand. 27 - 60 Sar 2 1 sand. 28 - 60 Sar 2 1 sand. 29 Time sand. 29 Date of Notice of appropriation of groundwater. None. filed. 39 - 60 Sar 2 1 sand. 30 - 10 sand. 30 - 10 sand. 30 - 10 sand. 30 - 10 sand. 31 - 20 Sar 2 1 sand. 32 - 60 Sar 2 1 sand. 33 - 7 ine sand. 34 - 7 ine sand. 35 - 60 Sar 2 1 sand. 36 - 62 Sar 2 1 sand. 37 - 60 Sar 2 1 sand. 38 - 80 sar 2 1 sand. 39 - 60 Sar 2 1 sand. 30 - 10 sand. 30 sand. 30 - 10 sand. 30 sand. 30 - 10 sand. 30 s | DUPLIC | ATE | | | MAY 3 | 1967 | JARD. | Cour | ity. Miss | oula | | | |
| Top of Ground Appropriation by Means of Well Pornations Log: Notice of Completion of Groundwater Appropriation by Means of Well Pornations Log: | a. | | | | | | STAT | | | | | | |
| Cley. above saa lavel 32279 Nofice of Completion of Groundwater | | Top of Grow | Scy; | ٠ | · — Riller | ADMINISTR | LATOR ICE O | OF GROUN | IDWATER NGINEER | CODE | | | |
| Appropriation by Means of Well DEVELOPED ATTER JANUARY 1, 1963 0 - 1 Top soil. Sand, gravel Sond, gravel South gravel Sou | <u> </u> | <u> </u> | Appro | ¥• | | | | | | | or | | |
| Pormations Log: DEVELOPED ATTER JANUARY 1, 1962 | - 1 | (Elev. above | sea level |) | | | | | | | .er | | |
| 1 | - | Formation | ns Log: | | • | | | | | | • | | |
| 1 - 17 Sand, gravel & closups tones () when the sand & construction of the sand length to which the water rises in the wall stand height to which the water rises in the wall stand and height to which the water rises in the wall stand and height to which the water rises in the wall stand and height to which the water rises in the wall stand and height to which the water rises in the wall stand and height to which the water rises in the wall stand height to which the water rises in the | | 0 - 1 | Ton soil. | | | (Under Chap | ter 237 | , Montana S | ession Lav | vs, 1961) | | | |
| 17 - 58 Fine sand. Vatter. Vatter. Date of Notice of appropriation of groundwater. None. filed. 10 10 10 10 10 10 10 1 | | 1 = == | Sand, grave | 1 ^ | | | | | | | | | |
| The water rises in the well The water rises in the well The water rises in the surface. No. 254. [All Sec. 35. 713 N R.207] The water rises in the rise in the surface and light of the surface. No. 254. [All Sec. 35. 713 N R.207] Static Water Level. 21. [All Sec. 35. 713 N R.207] The water rises in the well surface and light of the surfac | - | 17 - 38 | | - | | \mathcal{N} | | | | | | | |
| Date of Notice of appropriation of groundwater. No. 1144 17/57. Date well started. 1/17/57. Date completed. 1/17/57. Date well started. 1/17/57. Date well started started started started started started started started and started star | - | 78 - he | Water. | | illerL.i.b | erty Dri | Lling | CQ.Addre | 88 Mi.e.s | oula, M | ontana. | | |
| Date well started | _ |) | | aaea Da | Date of Notice of appropriation of groundwaterNone.filed | | | | | | | | |
| The water rises in the well The water rises | | 45 - 57 | | Da | i e e e e e e e e e e e e e e e e e e e | | | | | | | | |
| Water use: Domestic Municipal Drainage Churn dill, rotate Municipal Drainage Churn dill, rotate Municipal Drainage Churn dill, rotate Drainage Drainage Churn dill, rotate Drainage Churn dill, rotate Drainage Churn dill, rotate Drainage Churn dill, rotate Churn dil | | 57 - 60 | Sand & grav | 4 | | | | | | | | | |
| Water we: Domestic Municipal Other Indicate on the diagram the character and thickness of the different strat met with in drilling, such as soil, elay, shale, gravel, note sand, etc. Sho depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well. Note | | 60 - 62% | Clean coars | • | (1) | ug, driven, bor | ed or di | niisd) | . (Chu | rn drill, rota | ry or other | | |
| Indicate on the diagram the character and thickness of the different strained with in cirlling, such as soil, day, shale, gravel, rock or sand, etc. Shor depth at which water be consumered, thickness and character water-bearin strata and height to which the water rises in the well. Size of Control Form | <u> </u> | | gravel. | W | iter use: | | | | | | rigation E | | |
| depth at which water is encountered, thickness and character of water-bearin strata and height to which the water rises in the well. The water rises in the well Proc. | | | water. | | | | | | thickness | of the diffe | | | |
| Size of Driede Driede of Cosing (From To Ores) No. Static Water Level for non-flowing we in the well Shut-in Pressure for Flowing Well. Non-flowing we in the flowing we in the well Shut-in Pressure for Flowing Well. Non-flowing we in the flowing we in the flowing we in the well Shut-in Pressure for Flowing Well. Non-flowing we in the flowing we in the f | <u> </u> | | | de | pth at whi | ch water is er | icounte | red, thicknes | s and char | ck or sand, acter of wa | etc. Shov ter-bearin | | |
| The water rises in the well N | | | | str | ata and ho | eight to which | the w | ater rises in t | he well. | | | | |
| The water rises in the well N | - | | • | | Drilled | Weight | | | | erforation | 15 | | |
| The water rises in the well N | - | | | | Hele | of Cating | İ | | | | | | |
| The water rises in the well N | | | | | 6" | 6 5/8" | | | | | | | |
| N Static Water Level for non-flowing we 11.5. fee Shut-in Pressure for Flowing Well. Non-st Pumping Water Level. 21 fee at 50. gal. per minute. Discharge in gal. per minute flowing we Non-flowing we Non-flowing we Non-flowing we not represent so for its perforate and all water entering the small square represents 40 acres. Area can be depended upon to produce clear sand free water year after year as long as they are not reverpumped; 1: this coming as they are number of acres and location or other data (i.e.: Lot, Block and Add tion). Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be estated by driller. | - | | | | | | +1 | 62 • 6 | | -2.5 | | | |
| Sw. /Aw. Sec. 35. T13N R. 20w Indicate location of well and place of use, if possible. Each small square represents 40 acres. area can be depended upon to produce clear sand free water year after year. Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filled by the owner with the county (lerk and Recorder in the county in which the well is located, tissue copy to be estained by driller. | | | | he we | 111 | | | | cut | 58'5" | 62'6" | | |
| Sw. /Aw. Sec. 35. T13N R. 20w Indicate location of well and place of use, if possible. Each small square represents 40 acres. area can be depended upon to produce clear sand free water year after year. Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filled by the owner with the county (lerk and Recorder in the county in which the well is located, tissue copy to be estained by driller. | | And the second | _ | | | | | | | | | | |
| Sw. /Aw. Sec. 35. T13N R. 20w Indicate location of well and place of use, if possible. Each small square represents 40 acres. area can be depended upon to produce clear sand free water year after year. Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filled by the owner with the county (lerk and Recorder in the county in which the well is located, tissue copy to be estained by driller. | | | | = | | N | · | Static Wet | on Lovel | for non-flo | owing we | | |
| Shut-in Pressure for Flowing Well. Non-flowing X Pumping Water Level. 21 fee at 60 | _ | | | | | | 7 | Diane Wat | CI DOVEL | | - | | |
| at 60 gal. per minute. Discharge in gal. per min. of flowing we Non-flowing we not 2½ hrs. Bemarks: (Gravel packing, cementing, packing of the small square represents 40 garden is perforate and all water entering the well is coming through these perforations. Wells in this perforation of the perforation of the perforation of the perforation of the data (i.e.: Lot, Block and Addition). Five Acres Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. | _ | | | | ļ | | | Shut-in Pres | sure for F | | | | |
| Discharge in gal. per min. of flowing we Non-flowing How Tested.Air. Lift Pump Length of Test 2½ hrs Sw. 1/NW.Sec35. Ti3N R.20w Indicate location of well and place of use, if possible. Each small square represents 40 acres. area can be depended upon to; produce clear sand free water year after year as long as they are not overpumped; 1:2: they are (Continue on reverse side upon to; produce clear sand free water year after year as long as they are not overpumped; 1:2: they are (Continue on reverse side upon to; produce clear sand free water year after year as long as they are not overpumped; 1:2: they are (Continue on reverse side upon to; produce clear sand free water year as long as they are not overpumped; 1:2: they are not overpumped; 1:2: they are continue on reverse side upon to; produce clear sand free water year as long as they are not overpumped; 1:2: they are not overpumped | _ | : | | | X | | 1 | | | | | | |
| How Tested Air Lift Pump Length of Test 2% hrs. Remarks: (Gravel packing, cementing, pace of use, if possible. Each small square represents 40 acres. area can be depended upon to produce clear sand free water year after year as long as they are not overpumped. Items and location or other data (i.e.: Lot, Block and Addition). Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the bounty Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Because of the county in which the well is located, tissue copy to be etained by driller. Because of the county in which the well is located, tissue copy to be etained by driller. | - | | | w | | | E | | • | | | | |
| How Tested Air Lift Pump Length of Test 2½ hrs. Remarks: (Gravel packing, cementing, pace of shut off) The bottom for the small square represents 40 perforations. Well in the same acan be depended upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they continue on reverse side use of acres and location or other data (i.e.: Lot, Block and Addition). Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be estained by driller. Because were all questions of the same acan be depended upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they continue on reverse side upon to produce of the county of the county of acres and location or other data (i.e.: Lot, Block and Addition). Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be estained by driller. Because were all questions of salter and the county in which the well is located, tissue copy to be estained by driller. | - | | | | | | | Discharge 1 | n Rar ber | | - | | |
| Sw. 188 Sec. 35. Tish R. 208 Indicate location of well and place of use, if possible. Each small square represents 40 acres. area can be depended upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they (Continue on reverse side upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they (Continue on reverse side upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they (Continue on reverse side upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they (Continue on reverse side upon to produce clear sand number of acres and location or other data (i.e.: Lot, Block and Add tion). Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Because a reverse all questions. If not applies to state otherwise the form will be | - | | | | | | | How Tested | AirLi | | | | |
| Remarks: (Gravel packing, cementing, packing is perforated and place of use, if possible. Each small square represents 40 acres. area can be depended upon to produce clear sand free water year after year as long as they are not overpumped; i.e., they continue on reverse side used for irrigation, industrial, drainage or other. Explain, standard in the same acres and location or other data (i.e.: Lot, Block and Addition). Five Acres Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Because anymer all questions. If not applicable so state otherwise the form will be | - | | | | L <u>i</u> | | | | | - | | | |
| Indicate location of well and place of use, if possible. Each small square represents 40 acres. This form to be prepared by driller, and three copies to be filed by the owner with the tounty Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Indicate location of well and place of use, if possible. Each small square represents 40 acres. Show exact depth of bottom. Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Show exact all questions. If not applicable so state otherwise the form will be a s | _ | | | | | • | | | - | *** | | | |
| place of use, if possible. Each small square represents 40 well is coming through the acres. area can be depended upon toggeduce clear sand free water year after year as long as they are not overpumped; i.e., they (Continue on reverse side use—If used for irrigation, industrial, drainage or other. Explain, standard tion). Elve-Acres Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be estated by driller. Driller's License Number | Γ, | | | | | | | ers, type of feet of | shutoff).T | ne…bott is per | omIou forate | | |
| Show exact depth of bottom. Bottom of hole 62.6" Chis form to be prepared by driller, and three copies to be filed by the owner with the country Clerk and Recorder in the country in which the well is located, tissue copy to be estated by driller. Bottom of location of the country in which the well is located, tissue copy to be estated by driller. | | | | pla | ice of use | , if possible. | Each | and all | water | enteriz | g the | | |
| Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the country Clerk and Recorder in the country in which the well is located, tissue copy to be etained by driller. Show exact all questions If not applicable so state otherwise the form will be | | | | ac | res. | | | partorat | ions. | xalla | in thi | | |
| Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the country Clerk and Recorder in the country in which the well is located, tissue copy to be etained by driller. Continue on reverse side USE—If used for irrigation, industrial, drainage or other. Explain, star number of acres and location or other data (i.e.: Lot, Block and Add tion). Show exact depth of bottom. Discreption of the country in which the well is located, tissue copy to be etained by driller. | | | | ai Y | ea can | be depe | nded | upon to | produc | e clear | sand | | |
| number of acres and location or other data (i.e.: Lot, Block and Add tion). Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the bounty Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Driller's License Number License anywar all questions. If not applicable so state otherwise the form will be | <u>_</u> | | | no | tover | hambeq | i y e y ; | ,they | (Cont | inue on re | verse side | | |
| Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Driller's License Number Cleans approx all questions. If not applicable so state otherwise the form will be | _ | | | U | numb | er of acres ar | tion, in 1d loca | ndustrial, dra tion or other | amage or data (i.e.: | other. Ex Lot, Block | plain, stat c and Add | | |
| Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the founty Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Driller's License Number | | | | | tion). | | | | • | | | | |
| Show exact depth of bottom. Bottom of hole 62.6" This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Driller's License Number Cleans approx all questions. If not applicable so state otherwise the form will be | _ | | | •••• | | | | | | | | | |
| This form to be prepared by driller, and three copies to be filed by the owner with the county Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Driller's License Number | | Show exact | depth of bottom. | •••• | | | | ••••••••••••• | ************** | ******************* | | | |
| County Clerk and Recorder in the county in which the well is located, tissue copy to be etained by driller. Cleans approx all questions. If not applicable so state otherwise the form will be | | Bottom | of hole 62'6 | in . | | | | | _ | | | | |
| etained by driller. | | | | | | | | Driller | 's License | Number | | | |
| Please answer all questions. If not applicable, so state, otherwise the form will be | | | er in the county in w | men the | well 18 10C& | ccu, masue copy | w DE | 1 4 | Λ ' | 700 | | | |
| | | | ons. If not applicab | le, so st | ate, otherw | ise the form v | vill be | $\widetilde{D}\widetilde{D}^{\prime\prime}$ | Minn | 1000 | Mus | | |

capacity of the agrifer,

| No | J | FEB 3 | | 30ARD ^{Approved} | | Т | الا | | |
|--------|--|---------------------|---|--|----------------------------|--------------------------|--------------------------------|---|-----------------|
| PLICA | ate | | McDermott | | | Com | ty M | ssoule | |
| | Bille | | McNulty | | STATE (| OF MONT | | | |
| | Coyle | | | ADMINISTE | CATOR O | F GROUP | DWATE | | |
| | Top of Ground Darlinton | | Sullivan | | | STATE E | | | |
| | (Elav. above sea level |) | Not | ice of C | omple | etion o | f Gro | undwat | er |
| - | | | | Appropri | ation | by Mo | eans o | f Well | |
| 1 | Oto 6' Pit | | | DEVELO | PED AF | TER JAN | UARY 1, | 1962 | |
| - 1 | 6' to 22' Send & gre | las J | | (Under Chap | ter 237, 1 | fontana S | ession La | ws, 1961) | |
| | 12' to 16' Clay | | Owner New | J. Helsk | | Addno | 1010 | S. 37th | Δwe |
| - 1 | 16' to 21' Gravel & | water | | | | | | | _ |
| 1 | 21' to 28' Silty sat | nd | Driller | nn-Camp | 705 Alc | er.Addre | 88 Mi.s | souls,M | ont |
| - [| & clay | | Date of Noti | ce of appropr | iation of | groundwa | ter | ···· | •••••• |
| . [| 28' to 43' Clay & gr | ravel | Date well sta | rted 9/30/6 | 5 | Date | completed. | 10/1/65 | |
| - | 43' to 51' Sand ,wa | ter | | | | | | | |
| | milty clay | | (Dug, Drive | l. Orilled n, bured or dri | lled) | | | LDUITHCIT y or other) | <u>-11</u> |
| _ [| 51' to 54' grav 3 | R | Water use: | Domestic | | icipal [| _ | k 🔲 Irrig | ation 🔲 |
| . 1 | METER | | Indicate | Industrial on the diagra | | inage 🔲 racter and | Othe I thickness | _ | rent etec |
| | | | met with in | drilling, such | as soil, c | lay, shale, | gravel, ro | ck or sand, | etc. She |
| _ 1 | | | uepun at whi strata and he | ch water is en eight to which | the wate | r, uncknes r rises in | s and char the well. | raciel of Wa | ver-deart |
| | | | Size of | Size and | From | To | | PERFORATION | |
| | | | Drilled Hole | Weight of Casing | (Feet) | (Feet) | Mind | From | Te |
| | | | 6* | 6° 1.D. | 6" abi | ove G.L. | Sino | (Feet) | (Feet) |
| _ [| | | J. | 17# | to 4 | 8'-8" | | попе | |
| . 1 | | | | ••" | | | | } | |
| _ | | | | | 1 | | | 1 | , |
| . | | | | | | | | ļ | |
| - | | | | N | R | tatic Wat | er Level | for non-flo | wing w |
| . | | | | X | 7 ~ | ** *** | | 7 | _ |
| - [| | | | | s | hut-in Pre | ssure for l | Flowing We | 1 |
| . | | | | | P | | | el 7 | |
| - | | | * | - | - F _ | at21 | | a per minut | _ |
| . | | | | | D | ischarge i | n gal. per | min. of fl | owing w |
| | | | | | u | ow Tasted | | | |
| - | | | | | '.' | ength of T | ucmp1 [estlhe | ************************************** | onder Pr |
| - | İ | | | • | | | | cking, cemer | |
| - - | | | | | . 01 | rs. type of | shutoff) | | ••••••• |
| | | " ንካ | P. Marel Ros | 25 7 13 | r20 " | , ., ,, ,, | | | |
| | | ור | Indicate loc | ation of wel | land | • - | ************* | | |
| | | ול | Indicate loc place of use small squar | ation of wel , if possible. re represent | land Each | | | | |
| | | ול | Indicate loc place of use small squar acres. | ation of wel , if possible. re represent | l and Each s 40 | *************** | | | |
| - | | 71: | Indicate loc place of use small squar acres. | ation of wel , if possible. | l and Each s 40 | | | | *************** |
| - | | ול | Indicate 'loc place of use small squares. USE—If use | ation of wel , if possible. re represent | l and Each s 40 tion, indi | ıstrial, dr | (Co | ntinue on re | verse sic |
| | | ול | Indicate 'loc place of use small squares. USE—If use | ation of well, if possible. re represent ed for irrigater of acres an | l and Each s 40 tion, indi | ıstrial, dr | (Co | ntinue on re | verse sic |
| | | ּול | Indicate 'loc place of use small squares. USE—If use number | ation of well, if possible. re represent ed for irrigater of acres an | l and Each s 40 tion, indi | ıstrial, dr | (Co | ntinue on re | verse si |
| | | | Indicate 'loc place of use small squares. USE—If use number | ation of well, if possible. re represent ed for irrigater of acres an | l and Each s 40 tion, indi | ıstrial, dr | (Co | ntinue on re | verse sic |
| | Show exact depth of bott | | Indicate 'loc place of use small squares. USE—If use number | ation of well, if possible. re represent ed for irrigater of acres an | l and Each s 40 tion, indi | ıstrial, dr | (Co | ntinue on re | verse sic |
| | Show exact depth of bott | | Indicate 'loc place of use small squares. USE—If use number | ation of well, if possible. re represent ed for irrigater of acres an | l and Each s 40 tion, indi | istrial, dr | (Co | ntinue on re other. Ex : Lot, Block | verse sic |
| | Show exact depth of bottom to be prepared by driller, and leck and Recorder in the count | om. I three copi | Indicate 'loc place of use small squares. USE—If use numb tion). | ation of well, if possible. re represent ed for irriga er of acres ar | tith the | estrial, dr | (Co ainage or data (i.e. | ntinue on re other. Ex: Lot, Block | plain, st |

. :

s weeks

| σV | 7 | Approved Stock Form—State |
|------|----|---------------------------|
| File | No | |

r 15. N R 29 N

DUPLICATE

County. Klasoula.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights: ENGINEER

| (Name of Approp | of 2114 57th Misseula |
|---|--|
| | riator) (Address) (Town) |
| ounty of Masoule | State of Montana |
| ve appropriated groundwater | secording to the Montana laws in effect prior to January 1, 1962, as follows |
| N | |
| | 2. The beneficial use on which the claim is based domestic use and irrigation. |
| | ************************************** |
| | 3. Date or approximate date of earliest beneficial use; and how contin |
| | ous the use has beenSeptember19551continuousto |
| | - P79968\$4 |
| | *************************************** |
| | 4. The amount of groundwater claimed (in miner's inches or galle |
| | per minute) 22 sallons per minute |
| | *************************************** |
| | 5. If used for irrigation, give the acreage and description of the lat |
| 41 cm3 | to which water has been applied and name of the owner ther |
| Nýský | .ene sere, let 14. Sec. 25. T. 159., R 20 V. |
| ¼ Sec. 25. T. 15# R. 20. ¥ | (U.S. Survey No. 1) |
| ate point of appropriation | *************************************** |
| place of use, if possible. Each square represents 10 acres. | 6. The means of withdrawing such water from the ground and the lo |
| • | tion of each well or other means of withdrawal 4. inwallwit |
| | |
| drawal of groundwater | nd completion of the construction of the well, wells, or other works for witarted October 7, 1955 and completed October 12, 1955. |
| The depth of water table | and completion of the construction of the well, wells, or other works for witarted Ostober 7, 1955 and completed October 12, 1955. pproximately 80 ft. the type, size and depth of each well or the general specifications of any other type, size and depth of each well or the general specifications of any other type, size and depth of each well or the general specifications of any other type, size and depth of each well or the general specifications of any other type, size and depth of each well or the general specifications of any other type, size and depth of each well or the general specifications of any other type. |
| The depth of water table | and completion of the construction of the well, wells, or other works for with rest October 12, 1955. pproximately 80 ft. the type, size and depth of each well or the general specifications of any of purdwater drilled, 4 in. with cosing 108 ft. |
| The depth of water table | and completion of the construction of the well, wells, or other works for with reted October 12, 1955. pproximately 80 ft. the type, size and depth of each well or the general specifications of any or purdwater. drillad, 4 in. with casing 108 ft. |
| The depth of water table | the type, size and depth of each well or the general specifications of any of purdwater. Arillad, 4 in. with casing 108 ft. advanter withdrawn each year. 1,000,000 gallons. The drilling of each well if available. 0 - 4 ft. top soil 4 elements and depth of each well if available. 0 - 4 ft. top soil 4 elements and the drilling of each well if available. 0 - 4 ft. top soil 4 elements and the drilling of each well if available. 0 - 4 ft. top soil 4 elements and the drilling of each well if available. 0 - 4 ft. top soil 4 elements are described as a second content of the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well if available and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and the drilling of each well in a value and th |
| The depth of water table | the type, size and depth of each well or the general specifications of any of purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 1 ft. top soil 4 el |
| The depth of water table | pproximately 80 ft. the type, size and depth of each well or the general specifications of any of purdwater drillad, 4 in. with casing 108 ft. advanter withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil class of the second and the drilling of each well if available 0 - 4 ft. top soil class of the second and the second and the drilling of each well if available 0 - 4 ft. top soil class of the second and the second |
| The depth of water table | pproximately 80 ft. the type, size and depth of each well or the general specifications of any or purdwater drillad, 4 in. with easing 108 ft. adwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater are in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons |
| The depth of water table | the type, size and depth of each well or the general specifications of any of purdwater drillad, 4 in, with easing 108 ft. Indeed the drilling of each well if available 0 - 4 ft. top soil 4 cl. In 15 ft. boulders 5 gravel (mortly sand) 198 - 108 ft. gravel 4 sand 198 - 108 ft. gravel 5 sand 198 - 108 ft. gravel 6 sand 198 - 108 ft. gravel 6 sand 198 - 108 ft. gravel 6 sand 198 - 108 ft. gravel 6 sand 198 - 108 ft. gravel 6 sand 198 - 108 ft. gravel 6 sand |
| The depth of water table | pproximately 80 ft. the type, size and depth of each well or the general specifications of any or purdwater drillad, 4 in. with easing 108 ft. adwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater are in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons red in the drilling of each well if available 0 - 4 ft. top soil 4 el had a specification of any or purdwater withdrawn each year 1,000,000 gallons |

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.



. _.

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE APPI

| MANY | 20 11-00 Er Off Er-00 | |
|---|-----------------------|--|
| STATE OF MONTANA | 01011 1072 | DRILLER'S LOG |
| MINISTRATOR OF GROUNDWATER CODE | | |
| AONTANA WATER RESOURCES BOARD MOTIFIED OF COMPLETION OF GROUNDWAY | MA FORTON COST OF N | ness of strate such as soil, clay, sand, |
| OF COMPLETION OF GROUNDWAY ROPRIATION BY MEANS OF WELL | TER CONTROL | depth at which water is found and |
| Developed after January 1, 1962 | | height to which water rises in well. |

| | | | | | | | Í |
|---|---|--|--------------|-----------------|--------------|--|------------------|
| (Under Chapter 237 Montana Se | | | | op of | Ground | (Elev. above sea level) | |
| This form to be prepared by drill | er, and three co | pies to be file | d [| Press (Feet) | To (Feet) | | |
| by the owner with the County Cle which the well is located, last cop | rk and Daccodes | in the county ! | in - | 7 | 7 | | ; |
| Please answer all questions. If not | applicable, so sta | te, otherwise th | _ - | <u></u> | | | ; |
| form may be returned. | | , | _ [| 1.5 | iu_ | it via - n - inr | |
| | | | F | بالند | | war a line | |
| Owner <u>D // /// 122</u> | For Admi | nistrator's Use | 7 - | | | | : |
| Adding 7016 Court is see | #2385 | 326076 | -) <u>-</u> | | | | ; |
| Address 3916 South vo | File | 226076 | ·I t | | | | |
| | Ilec 20 | 1972 | 1 [| | | | |
| | 2:00 | o.m. | `` - | | | | |
| Date well started | 27gw i | | . - | | | | |
| completed APPLL 15 197 | ₇ ^ | | 1 1 | | | | |
| | | | <u>ין</u> עי | | | | |
| Type of well | | | - | | | ورة جملة على طال طلبة فيها الآلة شملة حملة على حمل معنا بوعد الآلة حملة طالة | |
| •. • | (Dug. driven, bored | or drilled) | - | | | -,, ., ., ., ., ., ., ., ., | |
| Equipment used | (Churis drill, system | y or other) | þ | | | | |
| | pal Stock [| | ٦ [| | | | |
| | h 2100% - | , inigation (| - [| | | | |
| industrial 🔲 Drainage 🖽 | Other 🗆* | Garden/Lawn [| 5 } | | | ه که شیده ۱۰۰ که جه که که که که بیشت بود کار که بیشت | |
| *Describe | | | - | | | | |
| *Describe | | | | | | | |
| USE: If used for irrigation, indust state number of acres and loc | trial, drainage of | other. Explai | n I | | | | \mathbf{I}^{-} |
| | | | L- | | | | -{ |
| end Addition) | •••••••••• | ******************* | ··· - | | | | ┫ |
| ESTIMATED ANNUAL WITHDRAWA | 1 | | f | | | | 1 |
| | | | | | | | <u>י</u> |
| Blee of Blee and Pyton Drilled Weight (Pant) (| ···· | PERFORATIONS | | | | ب الله الله الله الله الله الله الله الل | 4 |
| | Kind Sins | (Foot) | To (Feet) | | | | ┪ |
| 6" 6" 17. 3 | 35 | 1 | ľ | | | ه شار هذه کار های شاه خاه های شاه بری شرو شد. چی نوی شود شاه در از در شاه در از در شاه در از در شاه در از در ش |] |
| | | 1 1 |] | | | | .] |
| 1 1 1 | | 1 1 |]- | | | | 4 |
| | | [] | ŀ | | | | ┪ |
| l | | ! | - | | | | 3 |
| | | | | | | |] |
| N | man, and a second | | | ~ | | | 4 |
| | Pumping water | | £4 e | | | | - |
| | | gallons per | | | | | _ |
| | | minutes after p | | | | |] |
| <u> </u> | began. | | <u> </u> | , | | | 4 |
| | Well develope | m ground level | ' : : | | | | -1 |
| <u> </u> | for | | | | | | _ |
| | | Pump | | | | | 7 |
| | | vel packing, cen | | | - | | 4 |
| i6 8 | peckers, type (| of shutoff) | | | - | <u></u> | - |
| 5E 14 SE 14 Sec 25 | *************************************** | | | | | | _ |
| T13 | | | | | | |] |
| \$ 60 0% | | | | | | | 4 |
| INDICATE LOCATION OF WELL A | | ISE, IF POSSIBI | LE. | | | | - |
| EACH SMALL SQUARE REPRESENT | _ | | ŀ | | | | 1 |
| Driller's Signature | Faziell | | j | | | | 1 |
| Similar organical and plants the same | | ************************************** | | | L | | _] |
| Driller's Address | n-t | ••••• | l | | ــــــا | | |
| Declar Tomaso | | $\pm I_i$ | | | ٠. | Show exact depth of botton | m |
| THE TOWN | LICENS | E NO, | | | | chow ever debits of politor | ** |

received and filed this Instrument for received on the A.O. Acr on Sea 15 A.C. College of Mineson on Roses From at Montaine Witness on Roses & Creuse, County Received By A.O. College on Roses & Creuse, County Received By A.O. College on Paid

| File No | *************************************** | JUN 23 1966 | tock Form—State Publishing Co., Helena, Montana—42329 |
|------------|---|---|---|
| DUPLICA | ATTE Bille | McDasmatt | County Missoula |
| | DUCZCTIII | McNilly | |
| | Darilnton | Sullvan OFFIC | TATE OF MONTANA ATOR OF GROUNDWATER CODE DE OF STATE ENGINEER |
| ار در — | Top or diomic | | |
| | (Elev. above sea level |) 140/10 0 01 00 Appropria | ompletion of Groundwater tion by Means of Well |
| _0 _2 | top soil | | ED AFTER JANUARY 1, 1962 |
| 2 | tan clay, sand and | | er 237, Montana Session Laws, 1961) |
| 13 | gravel | Owner P. NOWHIE | Address 3907 So. 1174 |
| 13 | water, sand and | DrillerKTN LT.L.IA | Address 1219 HC |
| 33_ | gravel | | MISSOUIA, MONT. |
| _33 37 | tan clay, sand and gravel | | 39,66Date completed |
| 37 | water and beauties | | • |
| 46 | water and heaving sand | (Dug, Driven, bored or drille | _ |
| 46 | " water, sand and gravel | Water use: Domestic industrial | |
| 5316 | gravěl | | n the character and thickness of the different stra as soil, clay, shale, gravel, rock or sand, etc. Sho |
| | | depth at which water is enc strata and height to which | ountered, thickness and character of water-bearing |
| | | Size of Size and Drilled Weight | From To PERFORATIONS |
| - | | Hole of Casing | 53 1611 Kind From To |
| - 1 | | 6"I.D. 6 ^{5/8} OD | level |
| | | 17 lbs. | |
| | | તે" side wall | |
| | | | |
| - | | N | Static Water Level for non-flowing we |
| - | | | 10.16!! |
| | | | Shut-in Pressure for Flowing Well |
| | .)· | * * | E at |
| | | . | Discharge in gal. per min. of flowing w |
| - | | | How Tested compressor |
| - | · | | Length of Test |
| | | 8 | Remarks: (Gravel packing, cementing, pac |
| | | N.1/W. Sec.25. T.1.3. R. Indicate location of well | 20 ers, type of shutoff) |
| | es t e | place of use, if possible. E small square represents | Cach |
| - | • | acres. | |
| - 1 | | | (Continue on reverse sid |
| - | | USE-If used for irrigati | on, industrial, drainage or other. Explain, sta l location or other data (i.e.: Lot, Block and Ade |
| | | tion). | |
| - | | ************************************* | *************************************** |
| | Show exact depth of bottom. | *************************************** | |
| | | | |

41162-

Driller's Signature

USAOS MOLENAZEROO NETAW ETATE

अति दुङ्ग १५११.

| św 2 | Surveres RO | pproved Stock Form—State Publi | ishing Co., Helena, Montana—4. | 5642 3 |
|---|--|--|--|--------------------|
| File No. ONT | MASS SUNCES BOA | P | 13N R 20W | 35 |
| OUPLICATE | 21 4000 | Co | unty Missoula | ************** |
| LOG | JUL 11 1968 | STATE OF MON | TANA | |
| Top of Ground | ADMI | NISTRATOR OF GROU OFFICE OF STATE | | |
| L f i i i i Appr | Notice (| of Completion | | tor |
| (Elev. above sea level 3227 | • | opriation by N | | |
| Formations Log: 0 - 5 Brown topso | TO 25 | VELOPED AFTER JA | | |
| - 3 - 8 Tan sandy | | Chapter 237, Montana | Session Laws, 1961) | |
| clay. 8 - 15 Boulders & | | onference Asso | | Vantana |
| cobblestone | 5 u | h Day Adventage | | |
| gravel mixe | d. Drillermannar.kj | rilling Co. Add | ressMissoula | Montana. |
| 52 - 37 Gravel imbe in clay. | dded Date of Notice of ap | propriation of groundw | aterNoneFiled | |
| 37 - 41 Clay. | Date well started | 8/10/67 Dat | e completed8/11/ | 67 |
| - 41 - 45 Silty sand. - 45 - 52 Gravel inhed | • • | iven Equip | ment used Well Dr | iving R |
| in clay. — 52 - 55 Fine sand s | (Dug, drive | en, bored or drilled) | (Churn drill, ro | tary or other |
| gravel. | Water use. In | omestic 🔀 Municipal dustrial 🗌 Drainage | _ | rrigation X |
| 55 - 60 Clean coars | Indicate on the | diagram the character a | nd thickness of the dif | ferent strat |
| - | depth at which water | , such as soil, clay, shal r is encountered, thickn | ess and character of w | |
| - | | which the water rises in | 1 the well. | |
| → ' | Size of Size Drilled Wel Hole of C | pht (Feet) (Feet) | PERFORATIO | -, |
| – | ,,,,, | | Kind From Size (Feet) | (Feet) |
| - | 6" 6 5, | /8" +10" 60' | Torch | |
| | | # 74 TO 00 T | Cut 56 | 60 |
| Water rises in the 7 feet from surface | | | | |
| | | | | |
| _ [| N | Static W | ater Level for non-f | lowing we |
| _ | x | | | fee |
| _ | | Shut-in P | ressure for Flowing W | ell Non=£ . |
| - i | | | Water Level42 | |
| - | w | ! " | gal. per n | |
| - [| | Discharge | | nowing we |
| s | | How Test | edAir Lift I | ? 11mp |
| - | <u> </u> | | TestFour-hou | |
| _ | • | | (Gravel packing, cem | |
| | Nu.1/4NuSec25 T. Indicate location o | Land feet of | of shutoff). Thehoi of casing is pe | erforat |
| _ | place of use, if pos small square rep | sible Each & all | water entering through tiese | |
| _ i | acres. | ions | Wells in this. | Are CA |
| - | veer after v | upon to produce ear as long as. | thevoure not | OVATDUM |
| _ | i.e. they | hould be pumped | 1at(Continue on r | everse side |
| _ : | number of a | res and location or oth | er data (i.e.: Lot, Bloc | ck and Add |
| - | tion). | oselandOrchard | is Tracts #2 | |
| - [| reev-1-21 | vettuidvetuur: | ************************************** | ***************** |
| Show exact depth of bottom | | *************************************** | | |
| Bottom of hole 60 | 1. | | | |
| This form to be prepared by driller, and the | | | ler's License Number | |
| County Clerk and Recorder in the county in etained by driller. | which the Well is located, tiss | e copy to be | 11 7 1 | ٨ |
| Please answer all questions. If not appli | cable, so state, otherwise the | form will be | Whom & Wa | lyme |

returned.

Driller's Signature.

received and filed this Instrument for it of on the day offering 1948.

at 1.000 clock I. M. perment files of Missoula County, State of Montana
Witness my hand:
Veramae R. Crouse, County Recorder
By M. Deputy
Fee S. O. Padd 203

rates less than 25 to 50 percent of the tested capacity of the aquifer.

| le No | |
|--|--|
| | T /3 1 20 W |
| UPLICATE | County Missouca |
| , , , , , , , , , , , , , , , , , , , | STATE OF MONTANA |
| ADM | Inistrator of groundwater code \square \mathbb{E} \mathbb{C} \mathbb{E} \mathbb{F} \mathbb{V} |
| e de la companya de l | OFFICE OF STATE ENGINEER IN JAN 3 1965 |
| Declaratio | |
| (Tinder | n of Vested Groundwater Rights r Chapter 237, Montana Session Laws, 1961) SIATE ENGINEER |
| · · | Complet 201, Montana Session Daws, 1801) |
| Selma a moo | 2 3880 South are W. Micsoul |
| (Name of Appropria | 2 of 3880 South are W, Microsol tor) (Address) (Town) State of Montana |
| County of Missoula | State of Morkeau 1, 1962, as follows: |
| make appropriated frommaster sec | sording to the montant laws in effect prior to sandary 1, 1802, as follows: |
| | 2. The beneficial use on which the claim is based |
| l | Lawn garden |
| | 3. Date or approximate date of earliest beneficial use; and how continu |
| | ous the use has been |
| | E |
| | |
| | 4. The amount of groundwater claimed (in miner's inches or gallon per minute) |
| ., | per minute) (13.143.1-143.2-14 |
| " L | E Te was for imination aim the common and description of the land |
| wisw | If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo |
| d.SW 35 13 20 | best for energating lawn & |
| | |
| ndicate point of appropriation and place of use, if possible. Each | 6. The means of withdrawing such water from the ground and the loca |
| nall square represents 10 acres. | tion of each well or other means of withdrawal |
| | electrise preservae pumps |
| | |
| | completion of the construction of the well, wells, or other works for with |
| urawar or groundwater | |
| | |
| • | |
| The depth of water table | he type, size and depth of each well or the general specifications of any other and water 30 ft. |
| The depth of water table | he type, size and depth of each well or the general specifications of any other and the specific and the spe |
| The depth of water table | he type, size and depth of each well or the general specifications of any other depth of the specification of any other depth of the specification of the sp |
| The depth of water table | the type, size and depth of each well or the general specifications of any other makes and the specification and the specification |
| The depth of water table | water withdrawn each year. Leafanger and depth of each well if available. |
| 3. The depth of water table | the type, size and depth of each well or the general specifications of any other and water withdrawn each year |
| 3. The depth of water table | the type, size and depth of each well or the general specifications of any other advantage of the specification of any other advantage of the type, size and depth of each well if available. |
| 3. The depth of water table | water withdrawn each year. Landson of any other distributions of any other withdrawn each well if available. |
| 2. Such other information of a simi reference to book and page of any | water withdrawn each year. It is the drilling of each well if available. Water nature as may be useful in carrying out the policy of this act, including yeounty record. |
| 3. The depth of water table | water withdrawn each year. Landau out the general specifications of any other water withdrawn each well if available. |
| 3. The depth of water table | the type, size and depth of each well or the general specifications of any other and water withdrawn each year |
| 3. The depth of water table | water withdrawn each year well if available water as may be useful in carrying out the policy of this act, including y county record. |
| 3. So far as it may be available, the works for the withdrawal of grounds. 3. The estimated amount of grounds. 3. The log of formations encountered. 4. Such other information of a similar reference to book and page of any | the type, size and depth of each well or the general specifications of any other and water withdrawn each year |
| 3. So far as it may be available, the works for the withdrawal of grounds. 3. The estimated amount of grounds. 4. The log of formations encountered are the content of a similar reference to book and page of any | water withdrawn each year |

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

I received est filed this intrament igraced on the Jay of Jac 1900 of Jac 1900 of Jac 1900 of Medical County, State of Montana Winces my has just the Jack of Montana Winces my has just the Jack of Montana Winces my has just the Jack of Montana Winces my has just the Jack of Montana Winces my has just the Jack of Montana Winces my has just the Jack of Montana Monta

| AW. | • | |
|-----|---|--|

| PLICATE | | RECEIVED | orano. | | | | .20 W esouls | |
|--------------|------------|---|--|-------------------------|----------------------------|---|---|---------------|
| Ton of Gree | LOG | SEP 13 1967 | ADMINISTE | RATOR C | OF MONT | 'ANA IDWATEI | CODE | •••••• |
| Top of Grou | · <u> </u> | Na | | | | | | ~ " |
| tep sel | sea level | | ice of C Appropri | | | | | GI |
| B | | • | DEANTO | PED AF | TER JAN | UARY 1, | 1962 | |
| 2" | | | (Under Chap | ter 237, | Montana S | ession Lav | ws, 1961) | |
| P. FAN STE | , sand, gr | | Y NEJMAN | | ar 55 A | æ | | 2 |
| | rater, san | • | williams. | | | | | |
| 71 | | Date of Noti | ce of appropri | iation of | groundwat | er | , | |
| tan clay | , sand & | | rted AUG. | | | | | |
| | ilt & san | | erille | ************* | Equipm | ent used (Chu | durn ırı drill, rota | ry or other |
| 5 vate | r, sapá å | Water use: | Domest | ic 🗶 M | [unicipal [|] St | ock 🔲 Ir | rigation [|
| 81 511 | ravel a | Tm.314- | Industri on the diagra | _ | Orainage [| | her 🔲 | mant stack |
| | | met with in depth at whi | drilling, such ch water is er eight to which | as soil, o acountere | lay, shale, d, thicknes | gravel, ros and char | ck or sand, | etc. Show |
| - | | Size of | Size and Weight | From (Foot) | To | | PERFORATION | |
| _ | | Drilled Hole | - Code | | (Feet) 5816H | Kind Size | From (Feet) | Te (Feet) |
| | | 6"I.D. | 6 ^{5/8} | level | 35.0 | | , | |
| - | | | 17 1bs | | • | | | |
| • | | | in side | | { | | | |
| - | | | | | | | | |
| _ | | | N | <u>'</u> | totic Wet | an Tanal | for non-flo | |
| . | | | Ť | 一 | otatic wai | er mevel | | .69 fee |
|] | | <u> </u> | | | | | lowing Wel | |
| - | | | | F | | | el 50 | |
| - | | * | - - - | ┥╸╷ | | | gal. per min min. of fl | |
| - | | | | ^ | , recutar 80 | m Ban per | | |
| ~ | | | | F | Iow Tested | GAMPLE | sser te | rt |
| ⁻ | | | <u> </u> | | | | eurs | |
| _ | | .ν. میر | | | | | king, cemer | |
| _ { | | Indicate loc | H. T. T. I. M. R. ation of well | l and - | | | | |
| - | | | , if possible. re represent | | | *************************************** | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | *********** |
| - | | acres. | <u>-</u> | | | ••••• | •••••••• | ************* |
| - | | *************************************** | ************************** | ************* | | (Conf | tinue on re | verse side |
| - | | USE—If us | ed for irriga | tion, ind | ustrial, dr | ainage or | other. Ex | plain, sta |
| · · | | numb tion). | er of acres at | id locatio | n or other | data (i.e. | : Lot, Block | : and Add |
| | | · | | | | | | |
| _ | | *************************************** | | | | | | |

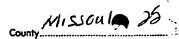
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Hennet L. Williams Driller's Signature.





DRILLER'S LOG

Indicate the character, color, thick-

ness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show

depth at which water is found and

height to which water rises in well.

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

| (Under Chapter 237 Montana Sessi | on Laws, 1961, as amended) | Top of Ground | (Elev. above sea level) |
|---|---|----------------|-------------------------|
| This form to be prepared by driller by the ewner with the County Clerk which the well is located, last copy | and Recorder in the county in | From To (Feet) | |
| Please answer all questions. If not ap | opticable, so state, otherwise the | | Grove |
| C. B. Niemeyer | | He ball | |
| 340 H | For Administrator's Use | | |
| Owner C. B. Niemeyer Address 3404 Spurgin Road: | Opril 13, 1971 | | |
| Date well started 1908 | GW 1 | | |
| completed | | | |
| Type of well Duy + Di Equipment used Shove 1 + | Che driven found or drilled) | | |
| Equipment used | Maii (China) | | |
| Water Use: Domestic 🗷 Municipa | Stock Irrigation | | |
| Industrial Drainage | Other 🗀 * Garden/Lawn 📋 | | |
| *Describe | *************************************** | | |
| USE: If used for irrigation, industrie state number of acres and locati | al, drainage or other. Explain, ion or other data (i.e. Lot, Block | | |
| and Addition) | | | |
| ESTIMATED ANNUAL WITHDRAWAL | 1,800,000 Gal | | |
| Size of Size and From To Drilled Weight (Feet) (Fee Hole of Casing | PERFORATIONS | | |
| | Kind From To Size (Feet) (Feet) | | |
| 4" 4" 12' 3 | Kind From To (Foot) | | |
| | | | |
| | | | |
| N | 16' | | |
| | Static water levelft.* Pumping water levelft.* | | |
| | atgallons per minute measuredminutes after pumping | · | |
| w z | began, *Measured from ground level and Well developed by | | |

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature \mathcal{F}_{ι} ω_{ι} Driller's Address 3404 Squr 91.11

NE 14 SOF 25

forhours.

..... LICENSE NO.لامبو.....

Remarks: (Gravel packing, cementing

| - 1 | | | | : |
|-----|----------|------------|--|------------------------------------|
| 1 | | | | + |
| | | | | 1 |
| - | | | | |
| 1 | | | | |
| 1 | | | | ١ . |
| | | İ | | į, |
| _ | | | | |
| = | | | | l i |
| - | | 1 | | l Ì |
| - | | | | 1 |
| | | | —————————————————————————————————————— | |
| | | l . | | 1 |
| | | <u>_</u> _ | | 3 |
| - 1 | | | | |
| | i | ļ | | |
| | | | | 1 (|
| | | | | 1 1 |
| | | l | l | |
| | | | | |
| | | | | Ì |
| | | l | | 1 5 |
| | | | | · 5 |
| = | | | | i i |
| | Ì | l | l | |
| | | 7 | | , |
| ٠. | | | | 1 |
| .* | | | l | į į |
| _ | | | · | 5 |
| 0, | | | | 1 % |
| ıg | | | | y - Promongraphed Essandian and St |
| • | | | T | 1 8 |
| | | | | 1 (|
| | ! | L | l | <u>۽</u> |
| • | | T | | Ι, |
| ••• | | ├ | | j |
| | | L | |] 7 |
| ΙP | | | | 1 (|
| | | <u> </u> | | i |
| g, | | l | L | |
| | | I | | l ' |
| ••• | | | | 1 |
| ••• | ! | L | | l ' |
| | I | 1 | l | 1 ' |
| | | | | 1 ' |
| | | | | |
| | | ! | _ | l . |
| | | | | 1 ' |
| | | _ | | |
| | L | L | | · ' |
| | | î T | | 1 ! |
| | | + | | . i |
| | i | i | i | 1 ' |
| | | T | | 1 . |
| | } | Ļ | + | |
| | L | L | | I |
| | , | | | |
| | | ~ / | | |
| | 30 | 21 | Show exact depth of bottom | |
| | | | · | |
| | | | | |

| le No | | la gara | Acres and the second | Approved | Stock Form- | -State Publishi T | V | Montana 4232 | * |
|--------------------------------------|-----------------------|-----------------------|--|---|---|----------------------------------|--|--------------------------|------------------------|
| UPLICATE | | REC | E! | | | ~ | . 0/ | ے کوں ہ | Λ |
| | • | FEB | 8 - 1971 | | STATE (| Cour F MONT | | | .L1 |
| | | rod | | ADMINISTR | LATOR O | F GROUN | DWATER | CODE | |
| Тор | of Grown | nd | | _ | | | NGINEER | | |
| (Ælen | v. above | ses level | | ce of C | | | | | er |
| - | -9 | Boulders & Gra | | ppropri DEVELO | | | DARY 1, | | |
| - | -12 | Gravel, sand & | (| Under Chapt | ter 237, B | fontana S | ession Lav | rs, 1961) | |
| - <i>-</i> | | Water | OWDER CO | ARD HOMES | PARK | Addre | ME BBC | ula, Mei | ntena |
| _ | 2-15 | Gravel & Clay | CAMP Driller PUME | WELL TO I | LLING A | ł | 1522 | 5. 14th | - |
| _ , | 15-44 | Small Gravel & | DrillerE.i.A.i.C. | | | Addre | 88 <i>XI</i> .S.A.A.S | . W.N. I | 2.K.H.(7.M |
| - Ì ' | | Sand & Water | Date of Notic | | | _ | | | |
| - 4 | 14-4813 | MGravel & Water | Date well star | ted.w.wwwi. | 141.17./.9 | Date | completed. | | 1. X ./.X |
| - . | | | Type of well (Dug, Driven | | | | ent used! drill, rotar | | 1.1.L |
| - | | | Water use: | Domestic | ☐ Mun | | | c 🔲 Irrig | . – |
| - | | | Indiants (| Industrial on the diagra | _ | inage 🞵 | Othe: | | |
| _ | | | met with in d | irilling, such | as soil, c | lay, shale, | gravel, ro | ck or sand, | etc. Sh |
| _ } | | | depth at whice strate and he | ight to which | the water | er rises in | the well. | BCIEF UI WA | ver-veari |
| _ | | | Size of | Size and Weight | From (Feet) | To (Foot) | | ERFORATION | 5 |
| _ | | | Drilled Hote | of Casing | | | Kind | From (Feet) | To (Feet) |
| - | | | 6" 1.0. | 671.D. 17 lb | above | 4813" | | | |
| - | Dan Na | 200.42 | | per ft. | G. L. | <u> </u> | | none | |
| ~ | Doc. No. Filed for | facuri | | ı | | | | | |
| - 1 | this | Low or Felin | nary | • | ļ | ļ ! | | | |
| | oʻclock | 71, # 4:15 | | | 1 | 1 | | | |
| _ | | | | N . | s | tatic Wat | er Level | for non-flo | wing w fe |
| _ | | | - 1 : | l i | | | | | |
| | | | | | l g | hut-in Pre | saure ior r | lowing We | |
| - 1 | | | | × × | | hut-in Pre umping V | | lowing Wel | |
| | | | * | Y | | umping V | Vater Leve | • | 1 |
| | | | * | r | P | umping V | Vater Leve | 1 | 1 e. |
| - | | | * | * | P D | umping V at100 discharge i | Vater Leve 0gal n gal. per | per minut | e. owing w |
| - | | | * | | P D H | umping V at | Vater Leve 3gal n gal. per | . per minut | owing w |
| - | | | ₩ | | P D H | umping V at | Vater Leve Ogal n gal. per | . per minut min. of fi | owing w |
| - - - - | | S <i>E</i> | WE V4. Sec. | 25 T /3N | P D H | umping V at | Vater Leve Ogal in gal. per LAfs Fest3A (Gravel pac | per minut min. of fl | owing w |
| - - - - | | S <i>E</i> | WE.1/4 Sec. Indicate loca place of use, | .25 T./3\\ ttion of wel | P D H L R R 20' e | umping V at | Vater Leve Ogal in gal. per LAfs Fest3A (Gravel pac | . per minut min. of fi | owing w |
| - - - - - - | | S <i>E</i> Y4 | place of use, | .25 T./3\\ ttion of wel | P L R 20 0 e | umping V at | Vater Leve Ogal in gal. per LAfs Fest3A (Gravel pac | . per minut min. of fi | owing w |
| - - - - - - | | S <i>E</i> Y4 | place of use, small squar | 25 T. /3\\ tion of well if possible. | P L R 20 0 e | umping V at | Vater Leve Ogal in gal. per LAfs Fest3A (Gravel pac | . per minut min. of fi | owing w |
| - - - - - - | | S <i>E</i> | place of use, small squar | 25 T. /3\\ tion of well if possible. | P B C R C C R C C C C C C C C | umping V at | Vater Leve Ogal In gal, per L | . per minut min. of fi | e. owing w |
| - - - - - - - - | | S <i>E</i> Y4 | place of use, small squar acres. | 25 T. /3 | P D H L R R 20 0 e 1 and Each Each tion, indu | umping V at | Vater Leve Ogal n gal. per LAfs Fest3.A (Gravel pace shutoff) (Cor | L. per minut min. of fl. | e. owing w nting, pa |
| | | S <i>E</i> | place of use, small squar acres. | 25. T./3N tion of wel if possible, e represent | P D H L R R 20 0 e 1 and Each Each tion, indu | umping V at | Vater Leve Ogal n gal. per LAfs Fest3.A (Gravel pace shutoff) (Cor | L. per minut min. of fl. | e. owing w nting, pa |
| | | S <i>E</i> | place of use, small squar acres. USE—If use numbe | 25 T. /3 | P D H L R R 20 0 e 1 and Each Each tion, indu | umping V at | Vater Leve Ogal n gal. per LAfs Fest3.A (Gravel pace shutoff) (Cor | L. per minut min. of fl. | e. owing w nting, pa |

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's Signature CAMP GELL

2811 D

ot History
Witness
Verces FO S NO YOU

| G —Helena Independent | Record | | | / ₹ ₹ |
|---|--|--------|--|---|
| ile No | ••••• | | | T 13 1/2 ZUW = 2 |
| UPLICATE | | FRAT | ATE OF MONTANA OR OF GROUNDWATER CODE OF STATE ENGINEER | DECEIVE IN |
| | Declaration (Under Cha | a of | Vested Groundwater Right 237, Montana Session Laws, 1961) | DEC 3 0 1963 STATE ENGINEER |
| County of | of Appropriator) | | , of 3426 S. Ave I (Address) State of S | (Town) |
| have appropriated lows: | l groundwater acc | ordin | g to the Montana laws in effect p | prior to January 1, 1962, as fol- |
| N | | 2. | The beneficial use on which the c | laim is based House, ag peol later |
| | | | Date or approximate date of earlie tinuous the use has been | |
| | <u> </u> | | | |
| | | 4. | The amount of groundwater claim per minute) . 30 G.P.M. | ed (in miner's inches or gallons |
| | outh A. | 5. | If used for irrigation, give the a | acreage and description of the |
| Let 55 | 49 00 | | thereof For garden, lawn, shr | ubbery à trees |
| Indicate point of ap and place of use, Each small square re acres. | if possible. | 6. | The means of withdrawing such location of each well or other me | |
| 7. The date of com | mencement and co | nplet | ion of the construction of the well | |
| *************************************** | | ••••• | *************************************** | |
| | | | | |
| other works for ' | be available, the ty the withdrawal of 11.5" I.D. 94 | group | ize and depth of each well or the | *************************************** |
| *************************************** | | | | |
| \$###*################################# | **************** | | Tan have | . cardon. Shrabberr |
| 0. The estimated a | mount of groundw | ater | withdrawn each year | Not available |
| 11. The log of forma | tions encountered i | n the | e drilling of each well if available | |
| 12. Such other infor | mation of a similar k and page of any | nati | ure as may be useful in carrying ou by record. | at the policy of this act, including |
| Driller Glean Ga | | | | , |
| 705 Alder, Miss | • | | <u> </u> | Becarbon 21,5068 |
| Licence # 7 | | | | Describer 21,1963 |
| Three copies to be fi located. | led by the owner v | with | the County Clerk and Recorder of | the county in which the well i |
| | estions. If not app | licabi | le, so state, otherwise the form wi | ll be returned. |

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

545 rugger

I received and fled this instrument toprecord on the Joy of 19.6

of 19.6

of 19.6

of Nisson County, State of Mandane

Witness my hosp

Markett S. Elling, County Recorder

By 19.6

Paid

persol <u>got kitajari septispulajasid. preso</u> jaris is mija<u>u majes pre pris idhjes soj reure oj po centat.</u> I obsegijot intigatori dise pre stavels sus gosnibijo si po

The mount of Tribateming such action

58 64 Ex

Co to:

| | this 23 day of | WATER RESOURCE | S 60 /80 - E) | | Com | nty M | · | 0- |
|---|--------------------------------|--|---|---|---|--|--|---------------------------|
| , 1 -11. | | | | ደጥልጥድ (| | | | |
| | Clock 72 Lot | UL 29 1971 | ADMINISTR | ATOR O | F GROUP | IDWATER | CODE | |
| | Top of Ground | | OFF | CE OF | STATE E | NGINEER | | |
| • | (Elev. above sea level #1/ 3.2 | as Not | ice of C | omple | etion c | of Grou | ındwat | er |
| - | | - | Appropri | ation | by Mo | eans of | Well | |
| • | | | DEVELO | PED AF | TER JAN | UARY 1, 1 | L962 | |
| - | | | (Under Chapt | ter 237, I | Montana S | Session Law | 7s, 1961) | 425 |
| • | 0 - 3} top soil | Owner larz | v PelCier | | Addre | 15-49 88 10 120 13 | 30 11 | 2, |
| _ | | Owner Larg | ea <i>Pelfir</i> e 1d K. Pl e ke | R | | TAGA So | . Awa. 18 | n 3 n . |
| | · · | Driller.Ka.xx. | 70 - 30 - ETAVA | :W# | Addre | eg Jucy Du | 4 44 0 9 11 | 444 |
| _ | 34 - IS gmvel & sand | Date of Noti | ce of appropr | iation of | groundwa | ter | ************* | *********** |
| | & water | Date well sta | rted6/.20/ | /65 | Date | completed | 6/22/0 | 5 |
| _ | · | Type of wel | l drivan | ***************** | Equipm | ent useden! | 10 \$001 | 1988998666 |
| _ | 15 - 35 sand & water | (Dug, Drive | n, bored or dril | led) | (Churr | ı drill, rotarı | or other) | |
| _ | ## - #4 BUBY /4 HULAY | Water use: | Domestic Industrial | | nicipal [| Stock Other | | ation [|
| _ | | Indicate | on the diagra | m the cha | aracter and | l thickness | of the diffe | rent str |
| _ | | depth at whi | drilling, such ch water is en | countere | d, thicknes | s and char | ek or sand, acter of wa | etc. Sh ter-bear |
| - | 35 - 42 gravel send & water | strata and he | eight to which | the water | er rises in | the well. | | |
| - | | Size 6? Drilled | Size and Weight | From (Feet) | To (Feet) | P | ERFORATION | 9 |
| - | | Hole | of Casing | | | Kind Size | From (Feet) | To (Feet) |
| - | 42 - 46 olay no water | 4 inch | 4 in. I. | | 65 | elote | 64 | 59 |
| | į. | | 10.78 lbs | • | 1 | ì | | |
| - | | | per ft. | | } | 1 | | |
| | 46 -59 sand & water | | | | | | | |
| - | l | = | <u></u> | <u> </u> | <u> </u> | | | 1 |
| - | 1 | | N | S | tatic Wat | ter Level | | • |
| _ | | | - [| l l | | 1 | 5}£tQ | _ |
| | BR - AB preval & Water | 1 ! | اء | I ~ | Land to Maria | A T3 | 1 | |
| _ | 58 - 65 gravel & unter | | | | | ssure for F | _ | |
| _ | 79 - 65 every 65 - 65 | | | P | umping T | Vater Leve | 1.7£to | ftop: |
| | 58 - 65 gmvel & water | w | | P E | umping V | | l. 7£t .0 . per minu | ftop i .e. |
| - | 58 - 65 gmvel & water | w | | E D | dumping Vat45. | Vater Leve gal in gal. per | . per minumin, of fl | f. top.: e. owing v |
| - - - | 58 - 65 gravel & water | W | | P E D | umping V at | Vater Levegal in gal. per | . per minumin, of fl | f. sop. |
| | 58 - 65 gravel & water | W | 8 | P E D | tumping V at45. Discharge in low Tested wength of ' | Vater Levegal in gal. per lcompres Fest3 | per minumin, of fluor | f. sop. |
| - - - - - - | | | _ | P E D | at | Vater Levegal in gal. per lcompress Fest3 (Gravel pac | per minumin. of fluorements have have | f. top. i |
| | | 2/1/2/4 Sec Indicate loc | 25.T23.7 ation of well | P E D L R R. Ac We | at | Vater Levegal in gal. per lcompres Fest3 | per minumin, of fluorements with the second | f. top. |
| - · · · · · · · · · · · · · · · · · · · | | 2 dk.14 Sec Indicate loc place of use | <i>25</i> .T73. ⁷ 1 | P E D H L R and ∠ Each | at | Vater Levegal in gal. per lcompres Fest3 (Gravel pac s shutoff) | per minumin, of fluorements with the second | f. top. |
| | | 2 dk.14 Sec Indicate loc place of use | ation of well | P E D H L R and ∠ Each | at | Vater Levegal in gal. per lcompres Fest3 (Gravel pac s shutoff) | per minumin, of fluorements with the second | f. top. |
| | | 2/1£.14 Sec Indicate loc place of use small squar acres. | ation of well, if possible, re represent | P P E D E L E E E E E E E E E E E E E E E E | tumping Vat | Vater Leve gal in gal. per l. compress [Fest. 3] (Gravel pace shutoff) | per minumin. of fluorent hrs. hrs. king, ceme | f top. |
| | | 2/1k.14 Sec Indicate loc place of use small squar acres. | ation of well , if possible. re represent | P P E D E L E E E E E E E E E E E E E E E E | tumping Vat | Vater Leve gal in gal. per l. compress Fest. 3 (Gravel pace is shutoff) | per minumin. of fluid fl | f sop. |
| | | 2/15.14 Sec Indicate loc place of use small squaracres. | ation of well , if possible. re represent | P P E D L L R And A S A0 | umping V at | Vater Leve gal in gal. per l. sompres Fest. 3 (Gravel pac shutoff) (Con cainage or | per minumin, of flagor hrs. king, ceme | t top |
| | | USE If us numb tion). | ation of well , if possible. re represent | P P D B L B A A A A A A A A A A A A A A A A A | tumping V at | Vater Leve gal in gal. per l. sompres Fest. 3 (Gravel pac shutoff) (Con cainage or | per minumin, of floor king, ceme | t top |
| | | USE If us numb tion). | ation of well, if possible, re represent | P P E D L L R And A Each S 40 | umping V at | Vater Leve gal in gal, per l. compress Fest. 3 (Gravel pace) shutoff) (Con rainage or | per minumin. of floor hrs. king, ceme | t top |
| | | USE If us numb tion). | ation of well, if possible, re represent | P P E D L L R And A Each S 40 | umping V at | Vater Leve gal in gal. per l. sompres Pest. 3 (Gravel pac shutoff) (Con rainage or raita (i.e.: | per minumin. of floor hrs. king, ceme | t top |
| | | USE If us numb tion). | ation of well, if possible, re represent | P P E D L L R And A Each S 40 | umping V at | Vater Leve gal in gal per le compres le comp | per minumin. of floor hrs. king, ceme | t top |
| | N/A | USE If us numb tion). | ation of well, if possible, re represent | P P E D D E E D E E E E E E E E E E E E | umping V at | Vater Leve gal in gal. per l. sompres Pest. 3 (Gravel pac shutoff) (Con rainage or raita (i.e.: | per minumin. of floor hrs. king, ceme | f top i |

I received and filed the Instrument for records on the 23 Timer of the 1972.

Cont. Cont. N. Secretain the Cont. Species of Springer Departs, State or Storiagn the Cont. Springer Court Springer Court Springer The Storiagn Springer Court Springer

The second of the control of the con

DECEIVE JUL 29 1959

STATE ENGINEER TIBN RZOW 35 County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

| , | WATER WELL LOG | |
|---|--|---|
| × | Owner Shillips | Address arlee mont |
| | Driller John Farrell | Address Mont |
| | WATER WELL LOG Songe Phillips Owner John Famell Driller July 7 1959 Date Started | July 9-1957 Date Completed |
| | Location: Sec. 25 T./3N R20W 1/3 S | oc March West |
| Type of well | (Dug, driven, bored, or drilled) | <u>X</u> |
| Water use: Domestic | H | |
| Industrial Casing: | tt. tott. Type | 5-7' |
| Casing: | | Size |
| Casing: | ft. toft. Type | Size |
| Perforated or Screened | i: Ft to ft Ft | to ft |
| Type of screen or perfo | rations | |
| Static Water level, for | non-flowing well: | Icet. |
| Shut-in pressure, for fi | owing well:lb./sq. 'n. on: | gueg 7 - 145 F |
| Pumping water level | 50 feet at | /5 gal, per min |
| How tested: | 50 Bailor | |
| Length of test | | |
| | cking, cementing, packers, type of shut-off, depth o | |
| Tromman, (Others par | wardi oomoonidi kaasaasi sigga oo aasa oo aasaa aagaa o | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| | | ······································ |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| *************************************** | | |
| | (over) | *************************************** |

Log of Well

| | | Tolk of Men |
|--------|----|--|
| From | To | Description of Material Drilled |
| 0 | 6 | pit |
| 6 | 40 | P ce a A A |
| 40 | 80 | Jane Sand Water |
| 80 | 84 | gravel Water |
| | | |
| | | |
| | | • |
| | | |
| | | |
| · crth | | |
| | | |
| | | |
| ,,, | | |
| * | | |
| | | |
| | : | |
| | | |
| | | * |
| | | Free 2 |
| | | incoming the section of the section |
| | | Constant of the state of the st |
| | | 1 30 mind |
| | | Political Country of National Country of Natio |
| | | The part of the pa |
| | | or so |
| | 1 | |

|) <u></u> | W ANATHOM | ATER RESOURCES | | | Т | 43F | 20 | |
|---------------|--------------------------------|---|--------------------------------|------------------|---|--|--------------|-----------------|
| CATE | | | | | Cour | ıty | aaoula | |
| | rod | CT 13 1987 | ADMINISTI | | OF MONT | | B GUDE | |
| Top of G | round | | | | STATE E | | | |
| (Elev. at | ove sea level | Not | ice of C | omple | tion o | f Gro | undwat | er |
| | ; | | \ppropri | | | | | |
| 0-1 | Topeoil | | | | teb jan | | | |
| 1-5 | Sandy Clay | 1 | Under Chap | ter 237, 1 | Montana S | ession La | ws, 1961) | |
| 5-10 | | Owner 11 | iam L. Po | u Laon | Addre | ssCori | nor371h | . 4 5,01 |
| | Some Clay | Driller | n Çama | | Addre | 8815.23 | 2.S. 14th | ì |
| ľ | Water, Sand | Date of Notic | | _ | | | | |
| | Water, Sand & Or | Date well star | ted. Junn. 3 | 3 . 1 967 | Date o | completed | l.une26. | 1.2.62 |
| 27-35 | Sand and Water | Type of well. | | | Equipme | ent used | | £LL. |
| 35-38 | Sand, Gravel & Water | Water use: | Domest Industri | ic 🔀 M | unicipal [Prainage [|] S1 | tock 🔲 Ir. | |
| 38-49 | Sand and Water, Some Clay | met with in e depth at which | h water is er | as soil, cl | lay, shale, l, thicknes | gravel, res | ock or sand, | etc. S |
| 49-53 | Sand, Cravel & | strata and he | ight to which | the wate | r rises in t | he well. | | |
| 1 | Water | Size of Drilled | Size and Weight | From (Feet) | To (Feet) | | PERFORATION | 16 |
| 1 | | Hole | of Caring | 11 | | Kind Size | From (Feet) | To (Fee |
| 1 | | G" 1.0. | 6" 1.0. | above | 531111 | • | } | 1 |
| Ī | | | 17 lb | G.L. | 1 | 1 | None | 1 |
| | | | | | | | | |
| | | | | | | | - | |
| | | | | | | | | |
| ì | | r | N | Si | tatic Wat | er Level | for non-fle | owing |
| | | 1 1 | | | | | #!f.f0 | |
| | | | -x | Si | ut-in Pres | sure for I | flowing Wel | 1 |
| l . | | | | F | | | el | |
| 1 | | W | | - E D | | | r min. of fl | |
| | | <u> </u> | | | menar Be r | re Bone 1.0 | ******* | |
| ì | | | | н | ow Tested | Came | CORROC | |
| | | | | _l r | ength of T | est2 | ihaur.: | l |
| | | | 8 | R | emarks: (| Gravel pa | cking, cemer | nting, 1 |
| Ros | elend Orchard | SE 1/4 NWSec | 2 5 m.13 m | 20 er | s, type of | shutoff) | | •••••• |
| | ract #3 | Indicate loca | tion of well | and | | | | ••••• |
| 1 | Lot #6 | place of use, small squar | | | •••••• | v ******* | | •••••• |
| Į. | | acres. | = | • | | ****** | | •••••• |
| 1 | | | | | *************************************** | | | |
| 1 | | | | | | • | • | |
| 1 | | USEIf use | d for irriga er of acres ar | | | | | |
| 1 | | tion). | va words at | | . or omer | ~~~~ /1.U. | 200, 21001 | - ond A |
| | | *************************************** | | | | | ••••• | |
| | | | | | | | •••• | •••••• |
| _ Show ex | act depth of bottom. | | | | | u,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| | | | | | | | | |
| | | | | | | | | |
| rm to be prep | pared by driller, and three co | | | | | | e Number | |

42,391

I received and filed this Instrument for record on the 19 day of Oct 1947 of Missoula County, State of Montan Witness my hand Veramee R. Comp., County Re many Poets of Ma

| File No | | | Approved | Stock Form-S | tate Publishing T. | Co., Helena, | Montana-38496 R. 204 | |
|-------------|--|--|---|-----------------|-----------------------|---|-------------------------|---|
| DUPLICA | AVE | | | | OF MONT | ANA [| SSOULA | |
| | Top of Ground | | | TRATOR OF | | DWATE | PODE | 11 |
| | (Elev. above sea level3, 22 | 23) | Notice of | Comple | etion o | f Grou | hydwate | Rain Fr |
| | 0-3½ top soil 3½-9½ soil& gravel | | Approp | riation | by Me | eans 8 | f Well' | 1 U 1 1 L |
| _ ! | 9 1- 27 gravel & water | ŗ | (Under Ch | apter 237, | Montana S | ession Lav | vs, 1961) | |
| | 27-46 sand &small gr | ravel va | ter | •- | | | itosebri | |
| _ | 46-59 gravelà cours 59-64 clay & gravel | mixed | | | | | | |
| | 64-68 heaving sand | Drille | er arold A. | ickens. | Addres | Lto.I. | | .a |
| _ [| 68-73 gravel & water | | of Notice of Appro | priation of | Groundwa | ternon-e | | |
| _ | 1 | Det- | well startede | - n+ 00 | Deta C | | ant 07 | 62 |
| _ | | | | | | | _ | |
| | | | of well drilled | 1 | | | | ols |
| - I | | | g, driven, bored or illed) | | other) | ı, drill, rota) | ry or | |
| - i | | Wate | er Use: Domestic | ☑ Mu | nicipal 🖂 | Other | ₽ Irr | igation_ |
| - | | | Industrial | | ainage 🗍 | Stock | | 9 7 |
| - 1 | | 49 1 | Indicate on the d | iagram the | character | and thic | kness of the | different |
| _ | | | a met with in drill | | | | | |
| - | | | v depth at which w ing strata and heig | | | | | of water- |
| - | | | | | | | | |
| - | | Rize of Drilled | Size and Weight of | Prom (Feet) | (Feet) | | PERFORATION | |
| - | | Hole | Casing | | | Kind Sine | From (Feet) | To (Feet) |
| - [| | 11821 | | | | | 1 | |
| - | | 5" | 5½ 17 <i>‡</i> | 3 f t | 73 £ t | open t | pttom | |
| - | | | | | | j | | |
| - | | | | | | | | |
| - 1 | | | | | | | <u> </u> | |
| - | × | | Static Water Level | for non-flo | wing Well | Q1 | | feet. |
| -/ \ | | | | | | • | | |
| -′ , | | | Shut-in Pressure | or Flowing | Well | *************************************** | | *************************************** |
| -6 | | | Pumping Water Le | vel J.J. | fe | et a t3 | gal. 1 | er minute. |
| -81 | | | Discharge in cal | - nor min of | flamina er | A1 /dd/. | LAN 1 / 1 | |
| Motto | w | | Discharge in gal. | | | | | |
| - 5 | | | How Tested GO | mpresso: | rLeng | th of Tes | t4-hrs | |
| -~ | | | Remarks: (Grave | l packing, | cementing, | packers, | type of shu | itoff, locs- |
| - 71 | | | | - | | | not at wel | |
| | | | other | sumar per | nuent ini | ormanom, | including | INTIDEE: 02 |
| -(1 | | | acres is | rigated, if | used for in | rigation) | <u>-</u> | |
| -4 | | | | | | | | |
| -3-5 | me14 Secog. T.14 | · x ^{R.} .20· v | ************* | ····· | | | | |
| 77 | Indicate location of w | ell and | • | | | | | •••••• |
| -3-57 | me14 Secog. T.14 | ell and e. Each | | pped-3e | pt, 23 | /i2 | | |
| -SF | Indicate location of w place of use, if possible small square represents in | ell and c. Each lo acres. | | pped-3e | p t, 2 3 | | | |
| -3 FF | Indicate location of w place of use, if possible small square represents I Lot b. Hik is Roseland | ell and c. Each lo acres. | | pped 3e | | | | |
| | Indicate location of w place of use, if possible small square represents 1 Lot h. Hik h Roseland and the square district bottom. | ell and c. Each lo acres. | | pp:d3e | | 7 ja License | | |
| | Indicate location of w place of use, if possible small square represents I Lot b. Hik is Roseland | ell and c. Each lo acres. | | ppod-3e | | | | |

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

I received and filld this jestrupest for record or the Manday of Man permanent files of Missoula County. State of Montane Witness my hoad:

MARTIN S. BEHNER, County Recorder By MARTIN S. BEHNER, County Recorder Political Deputy

| 3 | | Approved Stock Form-Sta | ate Publishing Co., Helena, Montana—12234 |
|--|---|--|---|
| No | *************** | | T 13 N 20 W |
| PLICATE | | | County Lissouls |
| | A | STATE OF MONTANA | |
| | | RATOR OF GROUNDWATER TOR OF STATE ENGINEER | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | _ | | JHIV 3 1963 |
| | Declaration of Under Chap | f Vested Groundwa pter 237, Montana Session Laws, | ter Rights |
| | · - | 7075 6 | MAN II WARRANT |
| () | Name of Appropriator) | (Address | 7th Y., Missouls) (Town) |
| ounty of | Missoula | State of | Montaria prior to January 1, 1962, as follows: |
| | M Brammawake scorrami | 2 to the montants tous in cities | prior so candary 1, 1002, as 101045. |
| | | 2. The beneficial use on which t | he claim is based |
| X | | liousehold and li | un irrication |
| | | | earliest beneficial use; and how continu- |
| | · · · · · · · · · · · · · · · · · · · | | |
| | | | |
| | | 4 The amount of groundwater | r claimed (in miner's inches or gallons |
| | | | ANS. |
| | | ************************************** | |
| | | 5. If used for irrigation, give | the acreage and description of the lands |
| | | | applied and name of the owner thereof |
| .¼ Sec2! | 5T13 R20 | | orma.jPrice |
| icate point of place of use, if | appropriation | *************************************** | |
| puse of use, it | possible. Each ments 10 acres. | tion of each well or other me | such water from the ground and the loca- cans of withdrawalSubmeralble |
| drawal of gro | undwaterAppri | ximately 1951. | e well, wells, or other works for with- |
| | | | of water 14". |
| | | | or the general specifications of any other |
| | withdrawal of groundwate | erDrilled well, 5" | 641 deep. |
| ************************************** | | | |
| | *************************************** | *************************************** | *************************************** |
| m | | | |
| The estimated | amount of groundwater | WILDGEWIN CACH YEST | /19-w/ |
| The log of for | rmations encountered in t | he drilling of each well if availa | ble <u>nob.=v=11nble</u> |
| ********************** | | ······································ | |
| *********************** | | | |
| reference to h | ook and name of any cour | ty record Book 1. nege | ing out the policy of this act, including 191, line 14. Section 25 |
| NY1 NE1 | HWI. Plaza E-2. | De Aettori, Dorgen, Moreul | ner Johnson Jane |
| | | | Questin Suc |
| | | Signature of Ow | ner formalf flue |
| | | | Date 12 3/1-13 |
| ree copies to be | filed by the owner with th | ne County Clerk and Recorder of | the county in which the well is located |

Please answer all questions. If not applicable, so state, otherwise the form will be returned.